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Lancaster Farming

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YOU HAVE TO TOP THIS NEW TOBACCO LOW, Grant Miller, teacher of Vocational Agriculture at Donegal Union High School, tells sophomore boys. The class was inspecting part of the chapter's tobacco project, and most of the boys wanted to top the Pen Bel 69 as high as they are used to topping older varieties. Left to right are James Nolt, Mount Joy; Miller; Robert Rote, and Galen Rutt, both of Mount Joy R1; and Robert Denlinger, Marietta R1. L. F. Photo.

Donegal FFA Combines Earning And Leaning

Members of the Witness Oak Chapter Future Farmers of America combine education and economics in a chapter project.

The vocational agriculture students at the Donegal Union High School, and their teacher, Grant Miller, finance most of their program of work with tobacco and corn projects each year.

This year the chapter has seven acres of tobacco planted in five plots. The chapter divided itself into five committees, with each committee responsible for one plot. After the tobacco has been sold, there will be a prize for the committee doing the best job of caring for their plot.

The money from this project and 12 acres of corn grown on shares with Martin Musser, Mount Joy R1, will help finance the annual tour of Western United States by the 1964 graduates, plus other tours and awards.

Tickets for the annual FFA area leadership training conference banquet, the chapter's annual parent and son banquet, and the annual trip to FFA week at the Pennsylva-

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County Livestock Tour To Ohio Is Scheduled

Plans have been completed for the three day Lancaster County Livestock Tour into Ohio, County Agent Max Smith said this week.

Advance reservations before Sept. 25 will be required and will be accepted on a "first come first served" basis, Smith said. A deposit of $23 to cover cost of the bus trip will be required with each reservation. Tour members will purchase their own meals and lodging on the trip.

Present plans call for two buses to be chartered with the reservations going to the first 76 applications received. Other applications received before closing date will be put on a "standby" list to be used in case of cancellations.

In a letter to livestock feeders Smith gave the following trip schedule:

"On Tuesday, October 22, the group will depart from Lancaster at 6:30 a.m. and travel by buses on the Turnpike to Wauseon, Ohio (500 miles), where we will lodge for the night. After a buffet supper, we will have a panel discussion period with the officials of the Fulton County Cattlemen's Association.

"On Wednesday, October 23, we plant to visit six cattle feeding and hog feeding farms in the area between Wauseon and Fremont, Ohio. These outstanding farms will feature labor-saving devices, high mois-

(Continued on Page 9)

County Dairy Clubbers To Show Forty-Three Animals At State

Twenty-five 4-H club members and 18 Future Farmers of America have qualified to show animals in the eighth annual Pennsylvania Junior Dairy Show, September 19, in the Farm Show Building, Harrisburg.

Eligible animals are all blue ribbon winners in the District 4-H show and Regional FFA show held last week at the Guernsey Pavilion, Lincoln Highway east of Lancaster.

Associate County Agent Victor Plastow said this week all animals exhibited at the show must have innoculations for shipping fever before being shipped to Harrisburg. This is in addition to the Bangs Disease and tuberculosis tests required for the local shows.

County Future Farmers winning blue ribbons at the regional show last Friday in-

(Continued on Page 6)

Farm Calendar

Sept. 9 — 8 p.m. — County Soil Conservation District Directors meet in the Court House.

8 p.m. — County 4-H Ayrshire, Jersey, Brown Swiss club meets at the home of Kenneth Eshelman, Elizabethtown R1.

Sept. 10 — Vegetable Growers Field Day at the Pennsylvania State University.

8 p.m. — Elizabethtown-Donegal 4-H club meets at the home of Christ Miller, Elizabethtown R1.

Sept. 11 — 8 p.m. — County 4-H Guernsey club meets at the Lampeter - Strasburg H.S. agri. room.

Sept. 11 and 12 — Annual turfgrass field day at the Pennsylvania State University.

Sept. 12 — 8 p.m. — Lititz-Manheim 4-H club meets at home of Mary Alice Graybill, Lititz R2.

Sept. 13 — 7:30 p.m. — Boots and Saddles 4-H club meets at the Lancaster Riding Club grounds, Lincoln Highway west.

Sept. 14 — District 4-H horse show at Ludwig Corners, Chester County.

Biologic Control Of Jap Beetles

A way to mass-produce bacterial spores that cause milky disease of Japanese beetles is the goal of a team of ARS scientists at the Northern utilization laboratory, Peoria, Ill.

Their approach: First, grow large populations of the bacterial cells by industrial fermentation methods; then, induce these artificially grown cells to form spores — a dormant stage — capable of surviving in soil and causing disease when ingested by beetle grubs.

If they succeed, the U. S. will have a low cost, effective biological control for Japanese beetles.

Milky disease spores now used as a soil treatment by many eastern homeownres are produced in diseased beetle grubs. But this method is not practicable for producing spores in the quantities needed by farmers and by plant pest control officials charged with preventing the relentless westward spread of the Japanese

(Continued on Page 4)

Manheim H.S. Hires Teacher Of Voc. Agri.

Charles F. Hess, a teacher of vocational agriculture for 30 years, was hired by the Manheim Central High School last Wednesday night to replace Joseph McGahen, who resigned recently to accept a

CHARLES F. HESS

position of the staff of the Pennsylvania State University.

Hess spent the last 22 years teaching at Mansfield High School where he had a Future Farmer Chapter of about 30 boys.

He was born and reared on a dairy and poultry farm in Northern Luzerne County. After graduation from the Pennsylvania State University, Hess taught two years at Corsica Union H. S. in Jefferson County, and six years at Scott

(Continued on Page 7)

Dairy Bulls Fed For Beef Are Profitable

"Dairy bulls for meat" may become an expanded farm product if experiments at The Pennsylvania State University continue as reported this week during the World Conference of Animal Production in Rome, Italy.

Dr. James R. Nichols, dairy scientist with the Agricultural Experiment Station at Penn State, said dairy bulls on feeding trials reached 800 pound weight at 10 months of age, while dairy steers took 11 months to attain this weight. For 1,000-pound animals, the comparisons were 13 months for bulls and 14 months for steers.

As for feed needed to reach slaughter weight, bulls on the average consumed 414 fewer pounds than steers. Regardless of whether they were bulls or

(Continued on Page 9)

Bull Semen Can Transmit Foot-and-Mouth

Foot-and-mouth disease can be transmitted in bull semen before an infected bull shows any signs of the disease. Use of this virus-contaminated semen for artificial insemination can cause the disease in cows.

These findings by Agriculture Research Service veterinarians at the Plum Island Animal Disease Laboratory, Long Island, N.Y., indicate that foot-and-mouth disease could be brought to U. S. livestock if semen were imported from countries where the dis-

(Continued on Page 6)

FIVE-DAY WEATHER FORECAST

Temperatures during the next five days are expected to average near the normal range of 59 at night to 79 in the afternoon. Milder weather is expected over the week end with little day to day temperature change thereafter. Precipitation is expected to total ¼ to ½ inch with a chance of widely scattered showers over the area late Saturday and Sunday and more general rain near the end of the period.

Market News Reports

At Lancaster Yards

Friday, Sept. 5

Weekly Review

CATTLE: 3500. Compared with 2755 head last week. Supply includes 50 percent slaughter steers and 40 percent feeder steers Trading active; except on Feeders, these slow. Compared with last weeks close, slaughter steers, Cows, and bulls steady. Feeders weak.

Slaughter steers: Choice 950-1250 lbs. 24 50-26 00, Lot High Choice and Prime 1198 lbs 26 25. Load High Choice 1429 lbs. 24 50, 3 loads late in week 1385 lbs High Choice 24 25, Good to low Choice 23. 50-24 50, Standard 21 50-22. 75.

Small lot of Choice grade heifers 966 lbs. 23 00

Cows: Cutter and Utility 14. 75-16 50, Canner and low Cutter 13 50-14 75, Shelly canner down to 11 00

Bulls: Utility and Commercial 19 50-22 00, Good grade 22 00-23 25.

Feeder Steers: Good and Choice 650-800 lbs 23 50-25. 00, Load Choice 750 lbs 25. 50 Several lots Choice 475-618 lbs 25 00-26 00, Lot Choice 470 lbs 28 10, Choice 860-1220 lbs 23 50-24 50, 2 loads High Choice 812 lbs 24 40. Medium and Good 700-900 lbs. 21 00-23 00, Few Medium 500-600 lbs 20 00-22 00.

CALVES: 500 Compared with 681 head last week Trading fairly active. Vealers strong.

Choice and Prime grade vealers 31 00-35 00 few 36 00, Good 26 00-31 00 Standard 22. 0-26 00, Utility 19 00-22 00.

HOGS: 1150 Compared with 1135 head last week. Trading moderately active.

Barrows and gilts 25-50 lower. Sows steady.

Barrows and gilts: U. S. 1-2 grade 190-230 lbs. 18.50-19. 00, Several lots No. 1 grade 195-230 lbs. 19 00-19.50, 1-3 grade 190-240 lbs. 18 00-18. 50, 2-3 grade 230-255 lbs. 17. 50-18 00, Lot mostly No. 3 grade 265 lbs. 17.25.

Sows: U. S. 1-3 grade 300-450 lbs 13 50-15 00, 2-3 grade 450-600 lbs. 12 00-13.50.

SHEEP: 400. Compared with 333 head last week. Trading moderately active. Spring Slaughter lambs steady. Choice and Prime 75-100 lb spring lambs 21 00-23 00, Few lots Mixed Good and Choice 20.00-21.00, Good 17 00-20 00.

Chicago Cattle

Weekly Review

CATTLE — Salable receipts first three days 25,300, compared 27,600 week ago and 21,-100 a year ago

Compared last Friday, slaughter steers under 1300 lbs 25-50 lower, heavier weights 50-1 00 off and generally heavier the steer, the more the decline Heifers closed 25-50 lower Cows steady to weak Bulls steady. Feeders weak

Slaughter steers: High Choice and Prime 1075-1300 lbs 24 50 - 25 25, including loadlots mostly Prime 1150-1200 lbs at 25 25, several loads Prime 1300-1350 lbs 24 75-25 00 Bulk High Choice

(Continued on page 3)

Vintage Sale

Tuesday, Sept. 3

CATTLE: 709. Compared with last Tuesday's market, slaughter steers grading Good and better 50-75 lower; Standard steady to 25 lower. Cows and bulls steady.

Choice 950-1300 lb. Slaughter steers 24.25-25.75, few to 26 00, Good to low Choice 23.-00-24.50, Standard 21.00- 23.-00.

Cows: Cutter and Utility 14.-75-16 35, Canner and low Cutter 13.25-14 25, Shelly canner down to 11 00.

Bulls Utility and Commercial 19 50-21 50, Good grade 22 60-24 00.

CALVES: 514. Vealers fully steady.

Choice and Prime 30 00-35 00, Good 26.00-30 00, Standard 22 00-27.00, Utility 18 50-22 00.

HOGS: 152. Barrows and gilts steady to 25 higher.

U S 1-3 grade 192-222 lbs Barrows and gilts 17 85-18 50, few lots No 1 grade 18 50, Lot Choice grade 35 lb Feeder Pigs 11 50 per head.

New Holland Auction

Thursday, Sept. 4

CATTLE 1138. Compared with last Thursday's market, slaughter steers weighing under 1200 lbs. about steady; Although spots weak early in sale. Weights over 1200 lbs. 50-1 00 lower. Cows 50-75 higher, most advance on Utility grade. Bulls steady.

Slaughter steers: High Choice and Prime 950-1250 lb. 26 25-26 85, Choice 1000-1300 lbs 24 50-26 25, 1300-1400 lbs. 24 00-25.00, Few Prime to 25 - 50, 1400-1517 lbs. 22 85-23.85, Good to low Choice 23.00-24.-50, Standard 21 00-23 00.

Heifers: Utility and Standard 17 00-20 00

Cows: Cutter and Utility 15 00-17 00, few to 17 50, Canner and low Cutter 13 25-15.00, Shelly canner down to 11.50.

Bulls Utility and Commercial 19 50-22 00, Good grade 22 00-24 00. Choice 590-630 lb. Feeder Steers 24.85-25.25, Lot 910 lbs. 24.10, Medium and Good 845-997 lbs. 22 00-23.10, 2 lots Medium 707-770 lbs. 17.35-17.75.

SHEEP: 36. Few Good 55-75 lb Spring slaughter lambs 17 00-19 50, Utility and Good Wooled slaughter ewes 6.00-8 00

CALVES: 476. Vealers grading Choice and Prime 1.00-2.00 higher. All others 1.00 higher. Choice and Prime grade vealers 32.00-39.50, Good 28.-00-32.00, Standard 23.00-28.-00, Utility 19.00-23.00.

SHEEP: 43. Few Good 70-80 lb. Spring slaughter lambs 19 50-20 50. Utility to Choice wooled slaughter ewes 5.50-7.50.

* * * * *

Dairy cows met a steady market at the Sept. 4 auction as 240 cows, one bull and 26 heifers changed hands.

Fresh Holstein cows brought $275-465; Guernseys $150-225, and other breeds $150-250. Stock heifers were $65-170.

At the September 2 horse auction the 292 head sold at steady prices Pony mares brought $40-100, and geldings were $30-115. Riding horses sold for $100-365 while driv-

(Continued on Page 10)

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LANCASTER POULTRY CENTER

Prices, Volume Increase

Prices rose almost a half cent and volume more than tripled over the previous week at the September 5 broiler auction at the Lancaster Poultry Center.

A total of 153,300 broilers in 21 lots sold at prices ranging from 15.8 to 16 3 for a sale average of 15.94. Last week's average was 15.53. Broilers at the corresponding sale last year averaged 18.30.

The top selling lot was 1,100 White Mountains at 10 weeks consigned by D. E Horn Company and John Munro, and purchased by W. C. Mellinger and Son. Only two lots on offer were unsold; these included 1,800 Indian Rivers at eight weeks two days, consigned by Miller and Bushong, and John O. Stoltzfus. They were withdrawn from the sale on bids of 15.9 and 16.0.

The auction also offered and sold a lot of 1,650 leghorn fowl for 9.5, and a lot of 1,000 roasters for 19.

Following is the complete sale report with lot number, seller, grower in parenthesis; amount and breed, age in weeks and days, buyer and price.

CODE: WV - White Vantress, GCX - Greider Cornish Cross, IR - Indian River, L-F - Leghorn Fowl, WMt - White Mountain.

1. Miller & Bushong (Harold Hollinger), 2100 WV, 8-3, Carl B Risser, 15.9; 2. Andrew G. Miller, 4000 WV, 9-2, John N. Thomas, 16 2; 3. Miller & Bushong (Stanley Carpenter), 8000 WV, 8-6, H. W. Longacre, Inc., 15 9; 4. Same, 10,000 WV, 8-6, Starr Poultry, 15 9, 5 Same (John L Herr), 11,000 WV, 9-0, Starr Poultry, 15 9.

6 Same, 9000 GCX, 9-2, Daniel K. Good, 16.0; 7. Same, (John O Stoltzfus), 9000 IR, 8-6, Starr Poultry, 16.0; 8. Same, 9000 IR, 8-6, NO SALE, 16 0 BID, 9. Same, 9000 IR, 8-6, NO SALE, 15.9 BID; 10 Same (Edwin L. Funck), 8000 WV, 8-2, H. W. Longacre, Inc., 15 9.

11. Same (Richard Blessing), 4000 WV, 8-2, Starr Poultry, 15.9; 12. Henry W. Martin, 1650 L-F, V. J. Koser Co Inc., 9.5; 13. D. E Horn & Co. (Parke Herr), 11,000 WV, 9-2, Starr Poultry, 15 8; 14, Same, 11,000 WV, 9-2, Starr Poultry, 15.9; 15. Same (Gern Haldeman), 7500 WV, 9-2, Starr Poultry, 15.9.

16. Same, 7500 WV, 9-2, Carl B. Risser, 15.9; 17 Same (Elvin Kopenhaver), 10,000 WV, 9-2, Starr Poultry, 15 9; 18. Same (Robert Godfrey), 5000 WV, 9-2, Starr Poultry, 16 1; 19. Same (Dan & Dave Witmer), 10,000 WV, 9-6, Starr Poultry, 16.1; 20. Same (Leon Weber), 10,500 WV, 8-2, H W. Longacre. Inc, 16 0.

21 Same (John Munro), 1100 WMt, 10-0, W. C. Mellinger & Son, 16 3; 22. Same, 6300 WMt, 10-0, Daniel K Good, 15 9; 23. Same, 6300 WMt., Daniel K Good, 15 9, 24. M&B (Jacob R Beiler), 1000 WVC, 13-6, Daniel K. Good, 19 0; 25. Andrew G Miller, 2000 WV, 9-2, Carl B Risser, 16 1, 12. Henry W Martin, 100 Males, V. J. Koser Co Inc, 7 0.

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● Delmarva

Prices Gain A Half Cent

Delmarva reported prices continued to advance more than a half cent during the 24 hour period ending 10:30 Friday morning. Demand continued good for the light auction offerings.

Prices ranged 15.1 to 16.3 at farms for reported purchases of 972,200 head including 495,000 head sold at Thursday's Selbyville, Del., auction. Most of the sales were between 15.5 and 15.9.

Estimated slaughter by Eastern Shore processors for the week end was 925,000 head compared to the 778,400 head last week end.

The Delmarva broiler-feed ratio for the week ending August 30 was down two points from the previous week at 3.0. Broilers averaged 15.27 and mash cost the grower $102. 46 per ton. For the comparable week a year ago the ratio was 3 7 when broilers averaged 17.27 and mash cost $94.57 per ton.

● Chicago

(Continued from Page 2)

and Prime 1300-1425 lbs 23-00-24.50. Bulk Choice 900-1250 lbs 24 00-24 75 Choice 1250-1350 lbs. 22 75-24 25 Good 900-1250 lbs. 22 00-23-50, Standard and Low Good 20 00-22.25.

Slaughter heifers: High Choice and Prime 900-1000 lbs. 24 00-24.25. Bulk Choice 800-1100 lbs. 23 00-24.00. Good 22.00-22.75, Mixed Good and Choice mainly 22 75 and 23 00. Few Standard and low Good 20 00-21 50.

Cows: Utility and Commercial closed at 14.25-16.25, few early in the week 16 50. Canner and Cutter 12 00-14.50, lightweight Canner 11.00-12.-00.

Bulls: Utility and Commercial mainly 17 50-19 50, few fat Utility Commercial 15.00-15.50.

Feeders: Load Choice 950 lb steers 24 25, load Good 700 lbs. 23 75 and load Medium and Good 900 lbs. 21.75.

Weekly New York Egg Mkt.

From Monday, September 2nd to Friday September 6th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex.					
Fcy. Hywts.		43½-44	44	45	45
Fcy. Hywts.		41	40	39½-40	42
Fcy. Med.		33½	36½	37	37
No. 1 Med.		32	35½	35½	35½
Pullets		21½	22½ 23	22½	22½
Peewees		17½	16-17	16-17	16-17
BROWN					
Ex.					
Fcy. Hywts.		46	48½	48½	48½
Fcy. Hywts.		42	44	44	44
Fcy. Med.		32½	35½	37	37
Pullets		22½	23	22½	22½
Peewees		17½	17	17	17
MIXED					
Fcy. Hywts.		39½-40	39	38½	41
No. 1 Med.		32	34½	35½	35½
Pullets		21½	21½	21½	21½
Standards		31	30-31	30-31	33
Checks		25	25	26	24

TREND: Market in good position on all grades and clearing nicely.

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From Where We Stand . . .

The Broiler Goes International

Guest Editorial

Within the past year, the lowly little broiler chicken — only some three and a half to four pounds in size and nine weeks of age — has become an international celebrity.

The broiler got this way because he is such a fine, economical form of meat that the Europeans started buying it in large quantities from the United States. In 1962, the U. S. sold 173,000,000 pounds of broilers and frying chickens in Western Europe — more than $50,000,000 worth of chicken.

The U. S. broiler industry thought they had a good thing going for them and looked forward to a growing market year after year. They were sure no other country could match the tremendous efficiency of our broiler industry, and that here was a product we could trade to the Europeans for such things as chemicals, watches, compact cars and precision machinery — and everyone would be better off.

But, one of the characteristics of the competitive enterprise system is that when things look favorable, someone else will come along and take advantage of it. In this case, the farming interests of Europe decided that they could grow broilers. They came over here and studied our methods. They got their breeding stocks and feed formulas and management techniques from us — and in a few years they were in business.

But they still cannot produce and market a broiler as cheaply as we in the United States can, and this is where the trade barrier or tariff comes into the picture. They have higher costs than we do, and even in 1962, when our exports reached new highs, we were paying an import duty of over 12 cents a pound as well as the cost of shipment to Europe and still selling in competition with Europe's locally raised chicken.

However, the Common Market's new tariff regulations were set just high enough to keep U. S. poultry out. Now our exports are less than a quarter of what they were this time a year ago.

While insistence on the high tariff rates cannot be blamed on any one of the six member countries of the European Economic Community, perhaps France feels she has more at stake than the others France is a grain producing country with more farm land than the other members Her farmers believe they can get a better market for their grain by feeding it to broilers than in any other way. The farm organizations which are very strong in France and the other countries support the higher tariff even though it means that the urban citizen has to pay a higher price for the chicken he buys.

After all the tariff discussions are over, the present barriers will probably still be in effect and broiler production in Europe will probably continue to grow Their costs will be higher than ours — particularly grain and soybean meal prices. But reports show they are getting excellent results — a pound of meat from 2.2 pounds of feed; they have modern processing and are organized in fairly large, efficient, well-financed production units.

Perhaps we will be selling them more soybeans and less chickens in the years ahead.

W. T. McAllister
Agricultural Economist
University of Delaware

★ ★ ★ ★

Biological Control

A recent report from the U. S. Department of Agriculture is headed "Nearer: Mass Biological Control".

What follows is a description of a method of infecting Japanese beetles with bacterial spores that cause a disease in the beetle.

Last spring a colony of wasps that feed on alfalfa weevil larvae were released in Lancaster County. Entomologists hope to bring some insect pests under control by introducing some of their natural enemies into areas where the pests have been introduced and become established. This is Nature's way of keeping a species in control, and experts have now begun to give Nature a hand in this battle to keep the balance.

The increased emphasis on biological control was spurred, perhaps, by the increased pressure against the use of chemical insecticides.

While there are certain disadvantages to this method of control, and 100 per cent control is virtually impossible, it does offer some hope that eventually farmers may need to use much less spray material to control pests of all kinds.

This is a goal worth working for.

At least that's how it looks from where we stand.

★ ★ ★ ★

Farm Values Rise — The average farm was valued at $43,000 or $126 per acre as of last November. The estimated value of all farm real estate was $141 billion — 4 percent above a year earlier.

Subsidy Boosts Butter Sales — Canadians ate 8.5 percent more butter in 1962 as the result of a consumer subsidy which started May 1 of that year. Retail butter prices were lowered from 64 to 52 cents per pound but the Agricultural Stabilization Board continued its purchases at 64 cents. Total butter consumption was up 10.7 percent or about 31 million pounds Its use as an intermediate product in the manufacture of other foods increased 70 percent to 17 million pounds.

★ ★ ★ ★

Darn Few Taxes, TOO — From the Bridghamton, N. Y. News: "One hundred years ago George S. Boutwell, first Commissioner of Internal Revenue, had a staff of only one clerk, and personally read all letters from taxpayers."

Prepare for Challenges — Walter Lippman writes in Newsweek: "This country faces severe competition and the American people will have to learn that they have much to learn. European industry is by way of being at least as sophisticated technologically as our own, and our advantages in resources and a mass market are disappearing. We shall be challenged in all the world markets and we shall need the kind of discipline which human beings submit to only when they know they are challenged."

● **Biological Control**
(Continued from Page 1)

beetle.

Now in its fourth year, the study at the Northern laboratory shows progress even though milky disease bacteria require a complex environment and are difficult to grow outside the beetle grub The scientists have succeeded in growing cells in liquid nutrients, but inducing the cells to form spores has proved a tougher problem.

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THE BIBLE SPEAKS

International Uniform Sunday School Lessons

BY DR. KENNETH J. FOREMAN

God Knows Why

Lesson for September 8, 1963

Bible Material: Genesis 37 through 50.
Devotional Reading: Psalm 37:1-11.

WHEN we wonder why something should happen we think ought not to happen; when a burden long borne becomes daily harder to bear; when a good man goes down in defeat or a bad man prospers, in short, when it looks almost as if the devil and not God were in charge here; when we wonder why, we are indirectly expressing our faith in God. All Christians, and some also who have never taken that name, do believe in a God who is both good and almighty. If He were only good but not almighty, or only almighty and not good, we would not wonder at all. It is only those who believe in the true God who wonder why.

Dr. Foreman

The story of Joseph

The story of Joseph in the Old Testament hasn't a miracle in it. Joseph never performed one, He never saw any one else do it. Yet the story of Joseph gives us some of the most important clues to the way God takes care of His own, and brings His purposes to pass even with the help of those who are reckless and wicked. It helps us when we wonder "Why?" to read again this famous story and to think about it.

Joseph's brothers were a bad lot, there is no doubt about that. You cannot blame Jacob for playing favorites when he picked out Joseph for special favors. Joseph was the son of the only wife Jacob ever loved; and besides, he was not only better, he was smarter than the rest of the family. Anybody who is smarter than the people around him doesn't help matters by bragging, and Joseph did brag. Even in his dreams he was the kingpin and he let everybody know it. His brothers might have been expected to resent this and to pick on Joseph, maybe even beat him. But they did worse than that, they thought beating was too good for him, and plotted to murder him. Brothers don't come any lower down than that.

"You meant evil"

These men without a conscience did not murder their brother after all. But that was not because they thought better of it. If anything, what they did was worse than killing: they sold him for a slave. Instead of a swift death, their brother would have a long lingering death-in-life, the miserable existence of a slave in those days when a slave's life was worth but little. The only reason they didn't kill Joseph was that they could make a little money (about two dollars each) by selling him. The lie they told their father about it, or rather the lie they acted out, was all of a piece with the rest of it. There wasn't a shred of good in the intentions of those ruffians. Furthermore, there was no good in the Midianite slave traders, and there was no good in the slave trade. When Potiphar bought Joseph, he didn't do so from motives of charity. It was purely a business transaction. Years and years after this, Joseph said to his aging brothers, speaking of these same events, "You meant evil against me." (Gen. 50:20)

But God meant it for good

In the same sentence, hardly stopping for breath, the boy Joseph now a middle-aged experienced man, went on to say, "but God meant it for good." At the time of that wicked sale of Joseph to the wandering traders, it would have been no wonder if Joseph had been "wondering why . . ." Why didn't God stop this terrible thing? We can imagine that on the way to Egypt (some days' journey at best) a bright 17-year-old like Joseph might have plotted an escape; and if he had tried it (maybe he did, at that) you would have surely been hoping he could manage the break-away. But no, it was not to be. The whole future of the nation of Israel depended on Joseph's being sold into Egypt. Indeed one may say that all history depended on it. If he had broken away, and gone home, there would have been nowhere to go when the big famine struck. The Israelites would never have found stored-up grain in Egypt, they never would have found protection there, there would never have been an Exodus, a Moses, a David . . . Never a Mary and never the other Joseph. Never a babe in the manger at Bethlehem, never a Cross, a Resurrection, a Good News. What would have happened to the world? It is too dark to think about; but try to imagine what this world would be if there never had been a Christ nor any Christians. Surely "God meant it for good."

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service.)

Now Is The Time . . .

BY MAX SMITH

MAX SMITH

To Be Alert For Silo Gas

Silo-filling time is at hand and when we use more nitrogen fertilizers on the corn crop, and then get a dry season, we may have more trouble with this problem of silo gas. A build-up of nitrates in the plant may cause a concentration of nitrogen dioxide when the corn is cut and put in the silo. This gas is deadly, is heavier than air, sometimes yellow in color and may have an odor similar to laundry bleach; it may be produced from one to 10 days after filling the silo. Owners are urged to be very careful by providing plenty of ventilation and air circulation before entering the silo.

To Make Plans To Spray Forage Crops

The control of insects for the first cutting of alfalfa or clover next spring calls for a spray or treatment this October. The materials are either dieldrin or heptachlor at the rate of one pound of actual material per acre. Growers are urged to make plans now for this spray application. The fall treatment is much preferred over any of the spring treatments. Get the job done by November 1st for best results.

To Provide Minerals For Livestock

Mineral supplements are important at all times of the year for all types of livestock. Most legumes fed either as hay, silage, or pasture are high in calcium but low in phosphorus. Most of our silages or grain mixtures including home-grown grains need extra calcium and phosphorus. Producers are urged to use two pounds per hundred of feed, or permit free choice, of dicalcium phosphate, steamed bonemeal, or a commercial mineral mixture containing at least 12% phosphorus. Young stock and steers on feed should be provided free choice of salt from one box, and minerals from a separate box at all times.

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● Jr. Dairy Show

(Continued from Page 1)

clude the following.

Holstein: Donald C. Drager, Witness Oak Chapter, junior calf; Dennis J. Drager, Witness Oak Chapter, junior calf; Harold J. Ranck, Garden Spot Chapter, junior calf; H. Eugene Denlinger, Pequea Valley chapter, senior calf; Glenn M. Hoover, Grasslands chapter, senior yearling; Jerry Snader, Cloisters chapter, two-year-old cow; Glenn A. Musser, Witness Oak chapter, three-year-old cow; Harold J. Brubaker, Witnes Oak chapter, two, three-year-old cows.

Jersey: Robert W. Ulrich, Solanco chapter, senior calf and senior yearling.

Ayrshire: Thomas Zartman, Cloisters chapter, junior calf; Tony L. Folker, Grassland chapter, senior yearling; William L. Coldren, Cloisters chapter, senior yearling; R. Edwin Harnish, Solanco chapter, three-year-old cow; James Esbenshade, Solanco chapter, three-year-old cow.

Brown Swiss: Harold Brubaker, Witness Oak chapter, senior yearling and three-year-old cow.

The 4-H winners include the following:

Holstein: Nannette Stauffer, John Bartsch and Earl C. Stauffer, all of Ephrata R1; Judith Ann Longenecker, Holtwood R1; James E. Kettering, Lititz R3, and Fred Shaub III, Quarryville R1.

Guernsey: Lee Sharp, Manheim R1; Joyce Stoltzfus, Ronks R1; Peter Witmer, Willow Street R1; Dorothy Garber, Willow Street R2; Nancy Stoltzfus, Ronks R1; and Mary Ellen and Sue Mumma, Manheim R1.

Ayrshire: Paul Brubaker, Lititz R1; Sandra Eshelman, Elizabethtown R1; James Esbenshade, Quarryville R1; Judy Ann Flory, Lititz R2, and R. Edwin Harnish, Christiana R1.

Jersey: Stephen Arrowsmith, Peach Bottom, and Marian J. Herr, Holtwood R1.

Brown Swiss: Gary Myer, 410 Willow Road, Lancaster; Dwight D. Hoover, Virginia L. Hoover and Phyllis Hoover, all of Gap R1, and Donald Trimble, Quarryville R1.

Half of the more than 500 blue ribbon animals to be shown at Junior Dairy Show will be selected at six district roundups today.

W. Paul Anderson, manager of the state show, today said half of the calves, heifers and cows already have been selected at six other shows held in August. Both the district shows and the state finals are in two sections, one for 4-H boys and girls, the other for boys in the Future Farmers of America.

Anderson, extension dairy specialist, the Pennsylvania State University, said only blue ribbon winners at the district shows will be eligible for the state show.

Sponsored and financed by the Pennsylvania Department of Agriculture, he district and state shows are being conducted by a 36-member advisory committee headed by Joe S. Taylor, chairman of dairy extension at Penn State.

State Agriculture Secretary Leland H. Bull said "the real value of these shows arises from the training and stimulus they provide for young people who will be our future dairy leaders."

● Foot-and-Mouth

(Continued from Page 1)

ease exists. Such imports are now prohibited by USDA quarantine regulations.

Semen of bulls experimently infected with the disease contains the virus as early as 12 hours after infection. Symptoms of the disease in cattle generally do not appear for at least 18 to 24 hours after infection.

Five out of 20 heifers artificially inseminated with semen from experimentally infected bulls contracted the disease.

Foot-and-mouth disease has been kept out of the United States since 1929, although it occurs in many countries of the world. This disease is highly contagious to livestock, and the Plum Island laboratory, off the northeastern coast of Long Island, is the only place in the United States where experiments with foot-and-mouth disease are permitted. The laboratory was established in 1954 to aid in USDA's efforts to keep foreign livestock diseases out of this country.

Wall Surface

A dull or matte wall surface is a better background for furnishings than a shiny surface, remind Penn State extension home management specialists. Smooth, shiny walls are cold and glaring, but a somewhat rough texture is more interesting and more comfortable to the eyes. Also remember that light, soft colored walls make a room seem larger than do dark colors.

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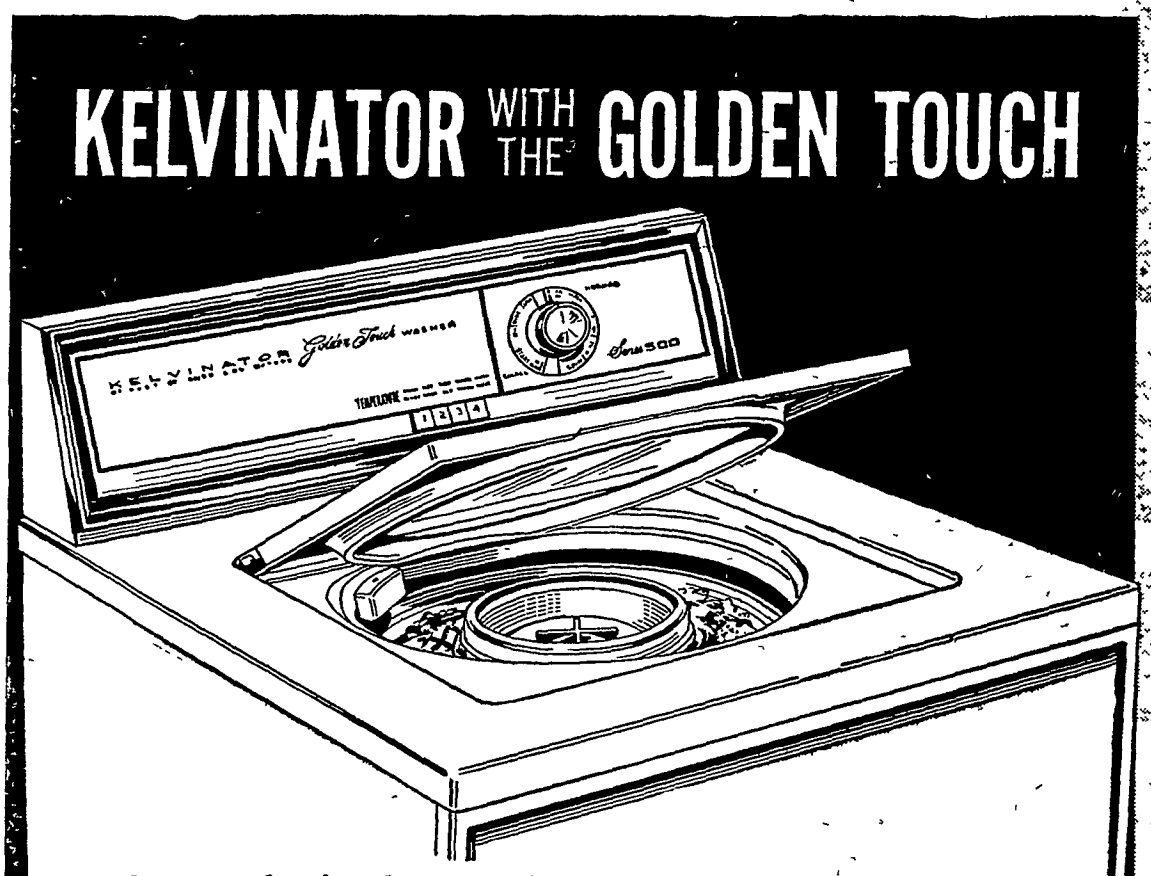

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U.S.D.A. Tries Irridiation On Corn Borers

Research entomologists — encouraged by successful eradication and control of the screwworm and melon fly through the mass release of flies made sterile by radiation — are investigating this tactic as a potential weapon against another serious agricultural pest, the European corn borer.

Although corn borer damage in recent years has taken a consistent downward trend, it still is substantial enough to keep this pest high on the list of agriculture's insect enemies. Last year corn borer damages were estimated at $94 million.

USDA insect experts, J. R. Walker and T. A. Brindley conducted irradiation tests, using X-rays on laboratory populations, at the Corn Borer Research Laboratory Ankeny, Iowa, in cooperation with the Iowa Agricultural Experiment Station. After irradiation, the corn borers were placed into egg-laying cages for study. The entomologists found that —

Adult male corn borers were sterilized by doses of 32,000 roentgens of X-rays applied one day after emergence.

At this dosage level, only 1 percent or less of the eggs hatched when the sterile males were mated with untreated females.

Sterile males competed successfully with normal males for untreated females.

Sterile males lived about as long as untreated males, suggesting that their survival in the field might compare favorably with that of natural males.

However, there was an indication that sterile males of the European corn borer might not be as successful as sterile male screwworms in competing with normal males. For example, when sterile corn borer males outnumbered untreated males 2 to 1, about 40 percent of the eggs resulting from matings with untreated females hatched. However, in experiments involving the screwworm, the same ratio reduced the egg hatch to 35 percent.

Tests were also run on the breeding performance of corn borers irradiated as pupae. These showed that the percentage of egg hatch varied with the age of pupae at time of treatment, the younger pupae being more susceptible to irradiation. And while the fertility of both sexes decreased as radiation dosage increased, female pupae were affected more.

Deformities were a problem — reaching a rate of 50 percent — when pupae under 24 hours old were irradiated with 5,000 roentgens. This problem was remedied by withholding treatment until pupae were 48 hours old.

The scientists used X-rays as the source of radiation for these studies, rather than the cobalt-60 treatment employed against the screwworm and the melon fly.

Good Cider Is All-Year Drink

HARRISBURG — Cider and Hallowe'en traditionally go together.

But it's time, the Pennsylvania Department of Agriculture feels, to take off the mask and reveal cider for what is really it, or can be — a delicious year-round drink for many occasions.

A particular occasion is breakfast, according to Delmar K. Myers, acting director of the department's Bureau of Foods and Chemistry.

"Cider fortified with vitamin C is an ideal breakfast juice, tasty and healthful," Myers said. "And it adds variety to the morning menu for it can be served cool and sweet, or spicy hot."

Steps already have been taken to expand Pennsylvania's cider industry. Twelve rules for producing better cider and apple juice have been drawn up as a guide for apple growers. They probably will become requirements of a cider mill sanitation program that may be introduced next year, Myers said. The object, he explained, is to encourage production of quality cider for year-round marketing.

Pennsylvania growers last year used 835,000 bushels of apples, 8.9 per cent of the crop, for making apple juice, cider and vinegar. A bushel of apples will yield 2½ to 3½ gallons of juice or cider, depending on the variety.

Cider and apple juice are very much alike, but cider may contain very fine particles of the fruit that import a distinctive, tangy flavor, while apple juice is clarified by filtering. Approved preservatives or pasteurization will prevent fermentation and maintain cider in its sweet, natural state. Only firm, clean apples are used for making quality cider, Myers said.

● Manheim H.S.

(Continued from Page 1)

Township H. S. in Lacawana County prior to going to Mansfield.

At Mansfield Hess saw 36 of his students receive the Keystone Farmer degree, and four of them went on to become American Farmers in the FFA.

Mansfield, one of the oldest Vocational Agriculture departments in the state, being organized in 1914, received top award five times in state dairy project competition under Hess' guidance.

He was awarded the Honorary Keystone Farmer degree in 1949, and received the coveted Honorary American Farmer Degree in 1959.

Hess plans to move his wife to Manheim in the near future. His daughter is married and teaching school in a Philadelphia suberb, and his two sons are students of theology at out of state seminaries.

Farm Women 4 See Collection Of Buttons

Interesting stories about button collections was a feature of the recent meeting of Farm Women Society 4 in the home of Mrs. Marie Nissley, Salunga.

The president Mrs. Daniel Will opened the meeting Devotions were led by Mrs Ira Frantz Roll call was answered with "An interesting experience that I had last week"

Miss Debra McFarland played a piano solo for the group Mrs. Henry Hiestand, a member of both the Farm Women Society 4 and the Red Rose Button Club, presented a program on buttons, telling stories about numerous buttons in her collection of 22,000

The next meeting of the group will be held Sept 28 at the home of Mrs Ira Neff, 2146 Columbia Ave, Lancaster At that time a book review will be presented by Mrs. Lloyd Nolt.

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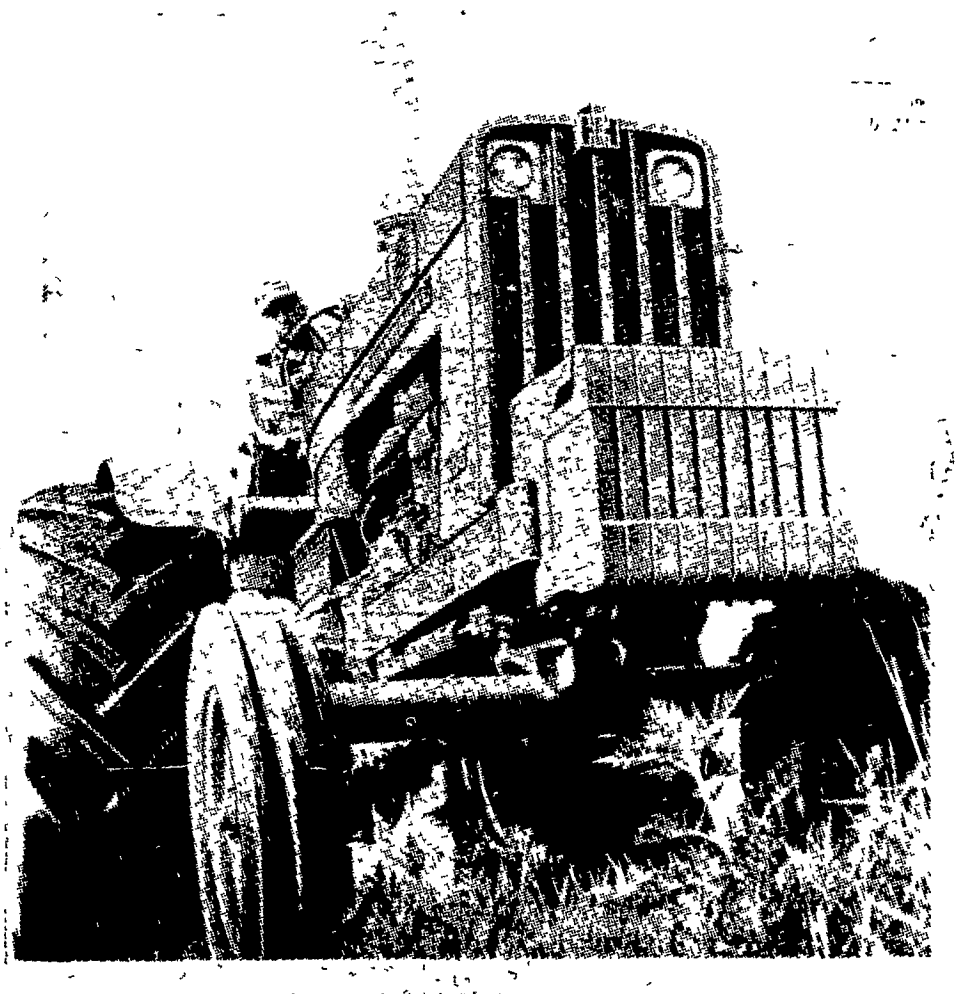

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DROUGHT HURT THE CORN CROP, but the ears are filling out and it will mature unless we have an early frost, Grant Miller, teacher of vocatonal agriculture at Donegal High School, tells a class of junior and senior boys as they inspected a chapter project this week. The FFA chapter grows 12 acres of corn on the halves on the farm of Martin Musser, Mount Joy R1. Left to right are John Hess and Dennis Drager, both of Marietta; David Becker, Mount Joy R2; James Hoffman, Mount Joy R1; Harold Barton, Marietta; Stuart Emenheiser, Mount Joy R1; Miller; Donald Mowrer, Marietta R1; Lee Stauffer, Mount Joy R1, and Donald Drager, Marietta R1. L. F. Photo.

● Donegal F.F.A.

(Continued from Page 1)

nia State University will also be financed from the projects.

Each year the chapter awards a $25 grant in scholarship aid to a graduate planning further education, and this, too, comes from the fund.

But finances are only a part of the value of the projects Miller considers the projects a real teaching tool.

This week, as school began, some of the Pen-Bel 69 tobacco was ready to top. Miller found that most of the boys wanted to top the new variety as high as the older types of tobacco.

The boys found that Pen-Bel 69 topped as high as other tobacco has as high as 20 leaves per stalk. One of the advantages of the new tobacco is that it can be topped lower and still have enough leaves to give the desired weight.

Each committee chairman was responsible for ordering plants, seeing that they were transplanted into the field, cultivated, sprayed and topped at the proper time, and each committee will harvest and strip its own plot.

The corn project, for which the boys supply all labor, in a chapter undertaking. Martin Musser, a member of the Donegal Union School Board, supplies the ground, half the fertilizer, the manure and weed spray materials Seed for the project was donated by a former chapter member who now works for the Pioneer Seed Corn Company.

Work on the project is done with the chapter's new tractor, purchased last spring with club funds The chapter also owns a pick-up truck, which the graduates use for the annual wsetern tour Each year the chapter trades the truck on a new one for $300.

When the corn is harvested, the club's half share will be stored and offered to members at market price Thus far a member or a member's father has bought every crop

Miller believes the projects are an excellent opportunity to teach modern methods and give the boys a chance to try some ideas that might not be accepted at home.

"The projects have done a lot to draw the boys into a close-knit organization by giving them something to work on for the good of the group," he said.

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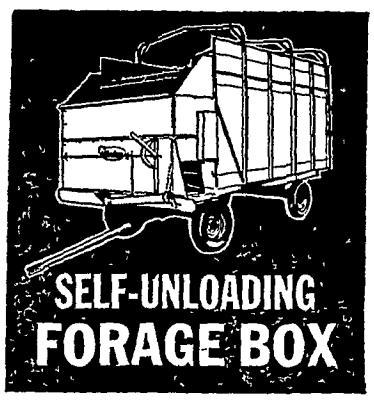

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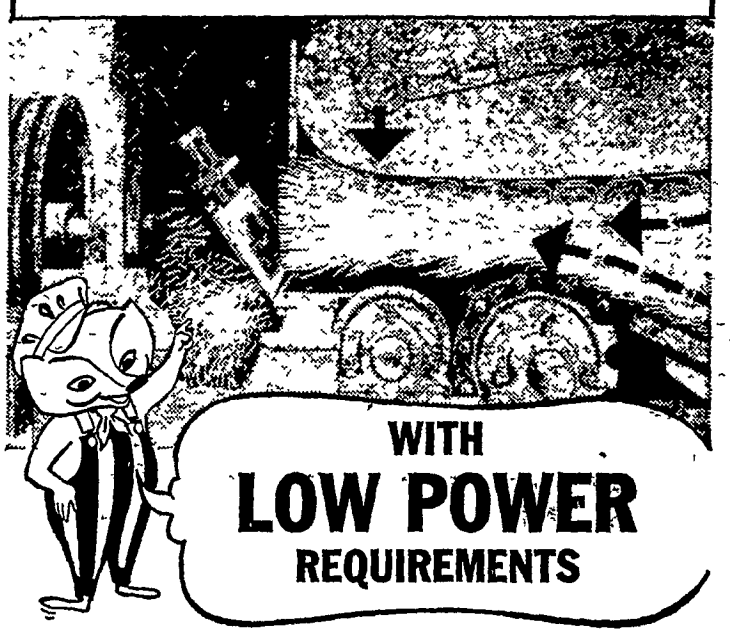

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New Sweet Corn Stays Sweet

Fresh sweet corn may some ay hold its "just picked" weetness for a week after arvest, say scientists at the gricultural Experiment Sta- on at the Pennsylvania State niversity.

The research center reports that Roy G. Creech and Frank J. McArdle, experimenting in fields of vegetable plant breeding and food processing, have found kernels from several lines of sweet corn that hold their high sugar content and low starch for many days after harvest.

Standard sweet corn hybrids, shipped long distances even under refrigeration, lose much of their sweetness by the time they reach the consumer, point out Station officials.

With sweet corn harvesting now in full swing at Penn State's Horticultural Research Farm near Pine Grove Mills, Dr. Creech and Dr. McArdle are testing several experimental lines of corn having less than half the starch content of varieties now grown. They are studying the genetic control of sugar and starch synthesis in corn endosperm in a search for genes and gene combinations affecting sugar-retaining qualities.

The next step, says Dr. Creech, is to breed these low starch, high sugar genes into new sweet corn hybrids. Five years are needed to develop a new strain — even with the use of mutant genes which are a short-cut method of inducing new traits for high sugar, low starch.

● Livestock Tour

(Continued from Page 1)

ture corn feeding, many mechanical means of handling feeding materials and manure and practical methods of producing beef and pork and lower costs. Sugar beet growing and harvesting will also be observed. We will lodge in the Fremont, Ohio, area on Wednesday night.

"The itinerary for Thursday, October 24 calls for one cattle feeding stop at the Bill Warner farm, Vickery, Ohio (recently remodeled barns with two 20' x 50' tower silos) and then head east on the Turnpike for Lancaster. We should arrive back in Lancaster between 10:00 p.m. and midnight.

"The purpose of this tour will be to observe modern hog and cattle feeding operations; many automatic and labor-saving devices will be seen in action. Also, the mid-western meat producers have lower production costs than most eastern feeders; we must be interested in learning how this is done in order to stay in business. Here is an opportunity to learn what is being done in other parts of the country," Smith said.

● Dairy Bulls

(Continued from Page 1)

steers, the 800-pound cattle ate 32 percent less feed than those weighing 1,000 pounds and reached slaughter weight 87 days sooner.

Holstein-Friesian bulls and steers wereused in the experiments, Dr. Nichols pointed out, due to their popularity as dairy animals and lack of previous research comparing meat production between American-type Holstein bulls and dairy steers. Eating quality of the beef from bulls has equaled that from steers, buyers have reported.

Bulls were found superior to steers, Dr. Nichols added, in having the highest percentage of desirable cuts — chuck, round, rib, and loin. Nichols said the bulls had a greater percentage of rib eye than the steers, especially at the 800 pound weight.

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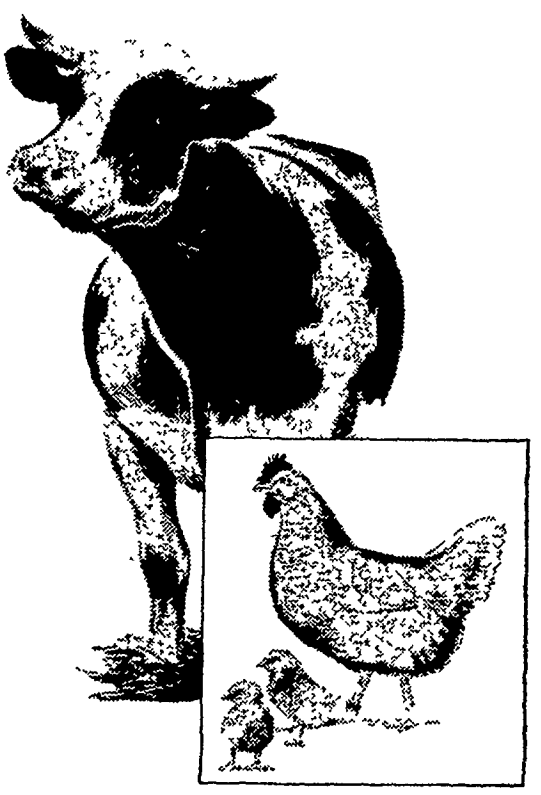

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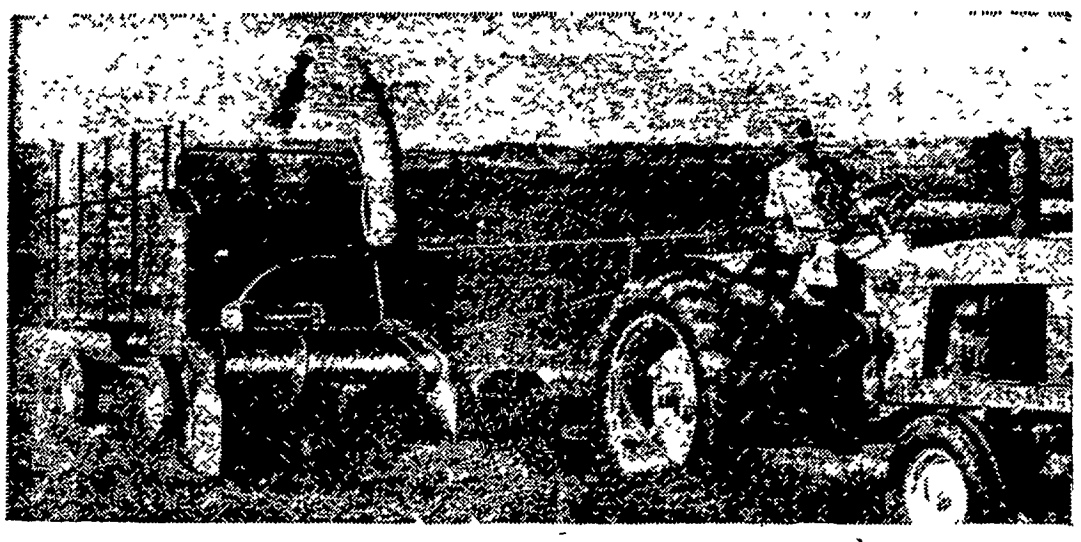

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John Deere No. 6 Forage Harvester chops crops short—for easier storing . . . better packing . . . easier feeding . . . and peak silo capacity. You get six lengths of cut—from 7/16 to 2 inches. (A 1/4-inch-cut sprocket is available as special equipment.) The economical No. 6 may be equipped with 5-1/2-foot pickup . . . 5- or 6-foot mower bar . . . 2-row unit . . . heavy-duty or low-cost 1-row unit. See us now. Check our customerized Credit Plan.

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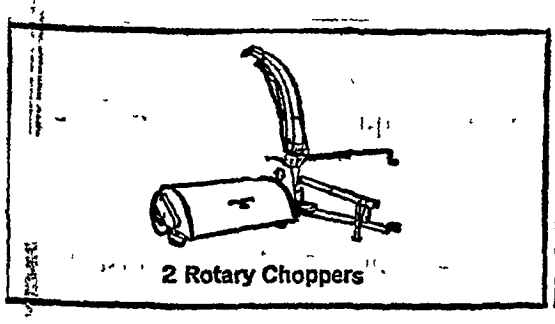
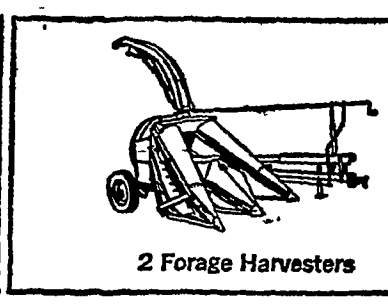
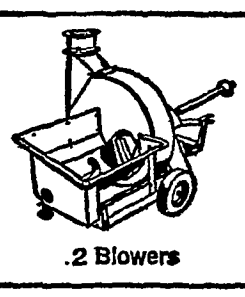
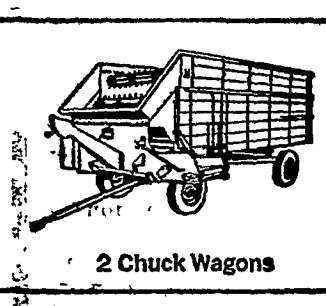

2 Rotary Choppers


2 Forage Harvesters


.2 Blowers


2 Chuck Wagons

CHOOSE FROM THE LONG GREEN LINE OF CUSTOMERIZED JOHN DEERE FORAGE EQUIPMENT

A FREE TRIP TO FLORIDA was the prize won by C. K. King, Kinzers, at a drawing held recently by the Standard Equipment Company. Don Ace, Dairy Specialist, is shown here at right as he drew the names of six winning contestant farmers for awards of a free trip for two to Miami Beach, Florida, at Pennsylvania State University recently. The awards were offered by Standard Equipment, Inc., Bel Air, Maryland, manufacturers of a complete line of dairy barn equipment, to farmers throughout the nation. T. Tracey Preston, general sales manager for Standard, officiated at the drawing. The winners included Messrs. Elmer Fisher, Dallas, W. Va.; C. K. King; Richard Beahm, Evans City, Pa.; Vernon Clark, Warsaw, N. Y.; Leonard Baver, Hankins, N. Y.; and Rexford Dibble, New Albany, Pa. Standard is currently offering an all-expense paid trip for two to Mexico to a Standard dealer who participates in its Fall Round-Up Sale event on dairy barn equipment.

● New Holland

(Continued from Page 2)

ing horses brought $100-210. Killers were 7 to 7½ cents a pound.

The 331 market hogs at the Sept 2 auction brought prices steady to 25 lower.

Retail hogs to local butchers brought 19 to 20 while grades 1 to 3 sold to packers at 18 to 18 35 Heavyweight hogs sold for 17 35 to 18

The 90 calves at the Sept 2 auction were 1 00 to 2 00 higher Choice and prime vealers were 31 to 38 50; good and low choice 28-31, standard 25-28, and common 16-25.

I-H Co. Extends Warranty On Farm Tractors

CHICAGO — International Harvester Company's Farm Equipment Division has announced a new warranty effective Sept. 1, 1963, on its entire line of new tractors and farm machines sold under the "McCormick" or "International" trade names.

The new warranty is for 12 months or 1500 hours, whichever occurs first. The previous warranty period was for six months or 1500 hours.

The warranty guarantees each new "McCormick" or "International" tractor or farm machine to be free from defects in material and workmanship under normal use and service. It provides the original user-purchaser with repair or replacement of any defective part or parts free of charge during the warranty period. Installation of such parts will be performed without charge by any authorized International Harvester dealer.

Chester 4-H Starts Dog Club

In September, Chester County 4-H will begin a Dog Management Club for the first time. All boys and girls ages 10 to 17 interested in some aspect of dogs as pets or sports companions are welcome. The club activities will continue throughout the year. Each member will pursue a project of his or her choice.

The initial phase of the club's activities will be weekly obedience classes with its purpose to help each member learn how to train his dog for better manners, and for those who are interested, there will be future obedience classes specifically for training for obedience trials in dog shows.

Individual projects may include puppy care, first-aid, conformation showing in dog shows, general care of a family pet, advanced training in obedience. During the year films will be shown and various speakers will talk on animal learning, dog care, first-aid, etc.

As with all its clubs, the basic principles of 4-H will be an integral part of the program.

Finance Your Feeder Cattle at

FARMERS NATIONAL

Lititz, Pennsylvania

9 East Main St. Lititz

Lancaster Shopping Center

See Us For Prompt — Courteous Service

Member F.D.I.C.

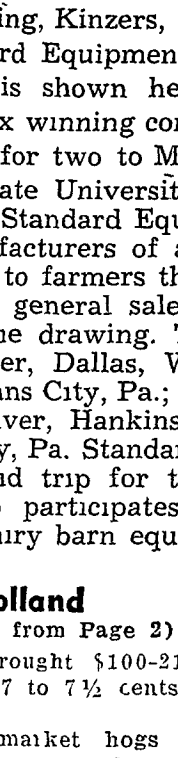
LICK MASTITIS!

Switch TODAY To Maes

WORLD'S LARGEST-SELLING NARROW BORE!

This inflation helps prevent and clear up Mastitis. Also milks cleaner, faster. Available in Narrow-Bore, Medium-Bore or Large! Use the Original, Proven Best—Maes—preferred by over 50,000 dairymen.

STOCKED and SOLD BY



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Pears For Every one..Beginning Today

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Call At The . . .

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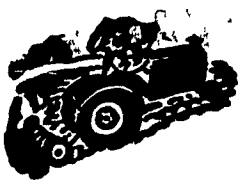
New Danville Pike (Pa. Route 324) R. D. #6, Lancaster, Pa. Ph. 392-6022

Summer Rambo Apples also available



Classified Ads

Farm Equipment

180 Amp. Lincoln Welder, New Price $110.00. Hiestand, Inc., R1, Marietta. Ph: 426-9301.

1 - 25 Bu Girton Feed Cart, used only a few times. Price Reduced.
1 - 12 can open front Wilson Milk Cooler.
2 used 200 gallon Girton stainless steel milk tanks. 1 - 270 gal. Wilson bulk tank. Stainless steel, good condition. Use milk coolers.

CLARK ELECTRIC
R1, Kinsers, Pa.
Ph. Intercourse SO 8-8501

For Sale — Used Buffalo truck scales, 21,000 capacity. Hiestand, Inc. Phone 426-9301.

Harvesters, Blowers, forage wagons, corn pickers, (mounted pull type and self propelled). Bargains on new and used manure spreaders, corn binders and corn cribs.
KEENER EQUIP. CO.
Phone 569-9861
1531 Manheim Pike
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Massey Harris tractor and cultivator 22, Double tobacco ladder, new running gears. Ph 665-3230.

Bargains in New and Used corn pickers New Idea, M. H and J D Wilbur Graybill, Lititz 626-5221.

Household Goods

Sales & Service: Water Heaters - Washers & Dryers - Ben-Hur Freezers, Bottled Gas, Tappan Ranges, Benj. Shenk, Lampeter, Pa. Ph. EX 7-2486.

HEALTH FOODS

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Penns Creek, Pa.
The HEALTH FOOD STORE and MILL on an ORGANIC FARM. Pennsylvania's most complete store for NATURAL FOODS. No fresh produce. Write or visit. STORE HOURS — Weekdays - 8 to 4:30, closed Sundays, holidays. Special 5% discount on all store sales thru July, August, September.

Female Help Wanted

Work Part Time Demonstrating Tupperware Plastics Average $15 to $35 per evening. Fords to Hustlers. Write direct or Phone Tupperware Orwigsburg, Pa.

Stanley H. Deiter
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LAMPETER
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Since 1935 . . .
Your Dependable
SALES EVERY TUESDAY

MISCELLANEOUS

For Sale — Balboa Rye. Cleaned and treated. C. Martin Greenleaf, R. D. 1, Oxford, Pa., Phone LA 9-2704.

For Sale — TOBACCO LATH, any quantity, strictly No 1. L. Clyde Smith & Sons, Inc, 194 Greenfield Road, 392-8015 near Schick.

Real Estate

FARMS - FARMS - FARMS
We specialize in selling Farm Real Estate. Let us show you what we have coming up for sale, or if you intend to sell we can help you secure the best possible buyer. 35 years experience. Prompt Courteous service, reasonable rates.
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A top herd of Holsteins, eligible for interstate, plus 2 good tractors, baler, conditioner, bulk tank, barn cleaner, all farm machinery and dairy equipment, 50T. excellent crushed hay, straw, 16A. corn, all sell at the Art-Lorr Dispersal. Follow arrows off Rtes. 6 or 15 in Mansfield — Tues. Eve., Sept. 10 at 6:30 P M Also 227A. farm with terms. A good sale, owned by Mr. and Mrs. Arthur Watkins and sold by Rumseys'.

SPECIAL MARYLAND
FEEDER PIG SALES
(1962 - 14 Sales, 14,942 Pigs)
1963 - 16 Sales
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PUBLIC AUCTION — SEPT. 18

BRAY'S ISLAND PLANTATION, Yemassee, So Car. 5,000 acres, half open, half merchantable timber, abundant fresh water To sell in 62 logical, divisible units including: 1600-acre beef cattle farm, earned over $1,000,000 in 7 record-breaking auctions, all buildings finest construction Other individual farms — excellent buildings, substantial acreage — dairy, crop, poultry, horse and pony (once raised choice hogs). On hard surface state road. Low taxes, plentiful labor, unlimited appreciation possibilities. Call or write Dave Canning, atty-in-fact, estate of F. B. Davis Jr. et al, Box 1236, Staunton, Virginia. Phone (703) 885-1271.

AUCTIONEERS
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HUBBARD FARMS
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16.3c - LOWEST COST

That's the lowest price yet that our new custom hatching service costs our customers per Leghorn Pullet chick. Our highest cost was 22 cents. If you want to save dollars on your favorite Leghorn breed call 392-2192.

MARTIN'S HATCHERY
2823 COLUMBIA AVE.
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Egg washers, new and used. We repair all makes. Hiestand, Inc., Marietta R1, Ph. 426-9301.

For Sale — DeKalb started pullets. Phone DeKalb York Hatchery, York 8-1770 or DeKalb District Sales Office, Lancaster 394-5157.

Famous CHIX-CINERATORS. Efficient disposal of dead chickens, turkeys or other small animals by cremation. 30 day guarantee or money refunded. Hiestand, Inc. Ph. 426-9301.

New Musser Leghorn FARMS PULLET
R D 1, MOUNT JOY, PA

Now is the time to have your dairy barn or chicken house air conditioned by Vent-O-Matic. Control ventilation without drafts. All installation guaranteed. Also other used fans. Also Chore Time poultry equipment. Hiestand, Inc., Marietta R1, Ph. HA 6-9301.

TWO FINE LAYERS

Babcock B-300—A high speed layer featuring excellent livability and good early egg size.
Babcock B-370—A California Grey by White Leghorn cross featuring white eggs and ability to take stress.
Both of these strains perform well in either cages or high density floor operations.
Write for free literature and prices.

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Phone: 626-5872
Area Code 717

SHAVER STARCROSS

Layers
Greider Leghorn Farms, Inc.
Phone OL 3-2455
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For Sale : Arbor Acres Queen & Demler Started Pullets. 6 wks. to 20 wks. old. Vaccinated for Bronchitis & Newcastle. Hatchery owned. Edwin Wallis & Sons, Inc., Liverpool, Pa. Call Liverpool 444-3567 or Lancaster 397-0587.

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DAY-OLD & STARTED
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BROILER CHICKS
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DEMLER Leghorns
with balance breeding for greatest profits.
Phone or write:
EDWIN WALLIS & SONS
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ORDER YOUR STARTED PULLETS NOW
Choice dates still available on H & N Nick Chicks. Locally grown.
Call Us Today
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Bay driving horse, a tough roader and a mans horse, 10 years old John Deere 2 way plow, 14 in. good shape Litter carrier hoist with roller and chain. Levi Miller, R D. 1, Paradise, 1 mi. east of Nickle Mines.

For Sale: Angus bulls, 14 to 18 months old. Purebred but not registered. 392-6127 or 392-2870.

For Sale — 24 Yorkshire feeder pigs Lester Weaver, Quarryville, ST 6-2839

For Sale — Female German Shepherd dog A K C registered 5 years old Good watch dog, gentle with children. Call 267-5209

For Sale — Tobacco Lath. Ben Buchen, R D 3, Manheim, Ph. 665-5679

For Sale — Pigs and shoats. Apply to John Z Fisher, New Holland R2, Pa

For Sale — Hot air tobacco dryer with 7 HP motor and 36 inch fan Portable 392-3668.

For Sale or Rent — 280 acre dairy farm, room for 50 cows, 2 sets of buildings hay dryer, barn cleaner. 100 acre farm, room for 40 cows Phone Terre Hill 445-5108

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Starting with bulls, steers, heifers, cows, hogs and calves.
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Horse Sale — Every Monday at 11 A.M.
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Dairy Cattle — Every Wednesday at 12:30
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JOHN H. GINGRICH, Mgr.
Ph. New Holland 354-2194 New Holland, Pa.

Sr. Extension Members Attend National Meet

By: Darlene Bucher

International Peace Gardens greeted eight Lancaster County Senior Extension Club members who attended the national conference of rural youth this last week.

Approximately 175 delegates from 17 states and 3 foreign countries met in North Dakota for the 5-day youth program. The conference theme of "Facing Realities in Your Community" was carried out through interesting speakers, stimulating discussion groups and personal acquaintances.

The Pennsylvania group presented a short humorous skit during the "International Night" Members also led panels on community political realities and served on the officer's nominating committee.

The group, consisting of Darlene Bucher, Lititz, Pat Young, Strasburg, William Endslow, Marietta; John Mast, Gap, John Wagner and Donald Wenger, both of Quarryville, left Saturday, August 17th by auto for the West.

In South Dakota they visited the Corn Palace at Mitchell, Badlands and Black Hills where they saw Mount Rushmore. Next they toured Big Horn Mountain and Yellowstone and Grand Teton National Parks in Wyoming In Montana they saw Glacier National Park with its snow capped mountains. Traveling on through the Rocky Mountains they entered Canada, going as far North as the Columbia Icefields in Jasper National Park Leaving the mountains, they traveled East across the flat country of Canada and arrived at the Conference on Sunday, August 25th.

Donna Garner, Willow Street, and Roger Thome, Mount Joy, also arrived at the Conference on the same day, traveling by airplane.

The eight delegates left North Dakota on Thursday, August 29th. In Michigan they stopped to tour a copper mine, saw Picture Rocks, Tahquamenon Falls (second largest East of the Mississippi — Niagara being the largest), and Soo Locks. The group also stopped at Dearborn, Michigan. to tour Greenfield Village and Henry Ford Museum before they arrived back in Lancaster County early Monday morning, September 2nd.

Second Annual Senior Extension Club Field Day will be held Sunday, September 8. Neighboring county clubs have been invited to attend this event at Mount Joy Sico Park

Afternoon recreational activities will begin at 1 o'clock. Softball, volleyball and other competitive games will be featured.

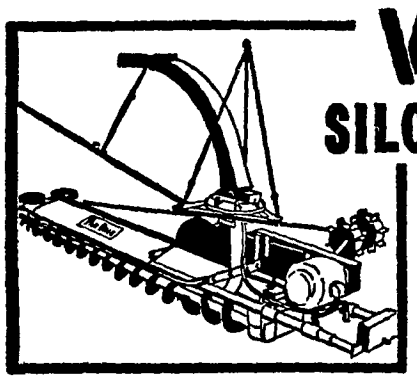
The Food Committee will provide lunch at 6 o'clock. Evening activities will include monthly business meeting followed by a program presented by the Lancaster County Club.

Food Packaging Costs

Seven to 10 percent of the retail cost of food goes into packaging, says Harold Neigh, Penn State extension consumer economics specialist. For some items, the cost is slight For others, the cost may be as much as the food itself. Packaging is necessary for protection of food Also it helps to maintain food quality, provides convenient handling and storage, and gives pertinent information in buying.

Complete automatic feeding for DAIRY COWS and CATTLE!

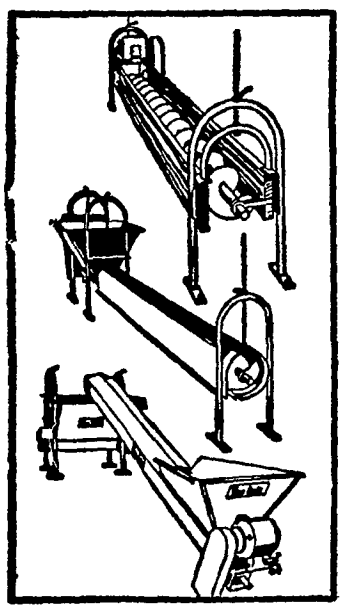
VanDale SILO UNLOADERS



Double augers deliver more silage per minute even when silage is deeply frozen . . . and at a lower operating cost. Patented V-paddle impellers *throw* . . . not blow . . . silage down chute. Adjustable drive hubs give positive traction in all types of silage.

Three-point suspension keeps unloader level at all times.

Plus a complete line of bunk feeders to meet your exact needs



Straight-out Auger Feeder

With VanDale units you can custom build the bunk feeding set-up to fit your needs. Drive section includes hopper, drive assembly and 10', high capacity 9" auger. Additional auger sections are in 10' units and are easily coupled.

Feed-R-Flo Bunk Feeder

The new, all-metal complete feeder. High capacity 9" auger rotates within tube. Gives all-weather protection, even feed distribution, and lower operating cost.

Conveyor Trough

An important link in automatic feeding. Positioned below silo chute, the VanDale conveyor trough carries the silage to the bunk feeder. Primary section includes hopper, drive assembly, and 10', 9" auger. Additional 10' auger sections may be added.

See us for modern automatic feeding equipment

CALEB M. WENGER

R. D. 1 Drumore Center KL 8-2116 Quarryville, Pa.

The New Look In

STEER SUPPLEMENTS

Benefit by the results of latest research and feed a

MODERN CATTLE SUPPLEMENT

The economy of non-protein Nitrogen, Stilbestrol, vitamin A, minerals and other nutrients in balancing roughages and corn for fattening cattle is universally recognized.

VITAMIN A

Cattle make relatively **poor use** of vitamin A from plants. **Maximum results** require vitamin A from other sources. GREEN PASTURES STEER CONCENTRATES are seasonally formulated to supply adequate quantities of vitamin A all year with greater quantities in hot weather when beef cattle requirements are highest.

TRACE MINERALS

must be furnished for the proper functioning of the rumen.
COBALT is required by cattle to make vitamin B12.
SULFUR is necessary to properly utilize UREA.
ZINC has recently been demonstrated to improve

Gain

Feed Efficiency

and Bloom

GREEN PASTURES Steer Concentrates No. 29 and No. 30 are MODERN CATTLE SUPPLEMENTS

Both contain, in addition to other proteins, Urea, an economical source of protein, and molasses as a source of quick energy.

Also, vitamins and minerals in ample quantities to insure **maximum** utilization of this source of protein.

They are Complete Cattle Concentrates

When fed as recommended they adequately supplement roughage and grains to provide maximum daily gains and utilization of feed.

For a steer feeding program which will give you the best possible gains and quality in the most economical way, see any MILLER & BUSHONG Service Representative or call us at Lancaster 392-2145 (Area Code 717).

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"FINEST SERVICE ANYWH ERE"

Chemical Spray Program Pays, But Can Be Applied Too Heavy

Application rates on pesticide labels are safe, yet often in excess of what Pennsylvania farmers need, according to Dr. Carlton F. Taylor, Professor of Plant Pathology in the Cooperative Extension Service, The Pennsylvania State University.

For example, farmers following Extension's recommendations for spraying potatoes can save from $30 to $40 per acre in most seasons, Dr. Taylor says. In nearly 50 percent of the situations in which pesticides play a role, the rate of application may be substantially less than recommended on the package label.

Recommendations on labels are intended to insure effectiveness in a wide range of climates, soils and crops. This includes hot climates and high humidity where the life cycles of pests may be shorter and more frequent and control may be difficult. In Pennsylvania climates, control is usually simpler.

Aside from the savings in spray costs, Dr. Taylor points out, Cooperative Extension Service recommendations help assure chemical residues on crops will be far below legal limits. Crops found by the Food and Drug Administration to exceed these limits are subject to seizure through prompt legal process. Usually, crops of this kind are destroyed, and always their harvest is prevented.

Representatives of the Food and Drug Administration, headquarters in Philadelphia and Buffalo, will take more than 1,200 samples of crops in Pennsylvania, New Jersey and Northern Delaware this season. Such sampling showed in 1962 that farmers had not been violating the spraying limit.

Spray recommendations of the Extension service are available in the majority of seed and chemical dealerships, and from Extension's county offices, Dr. Taylor said.

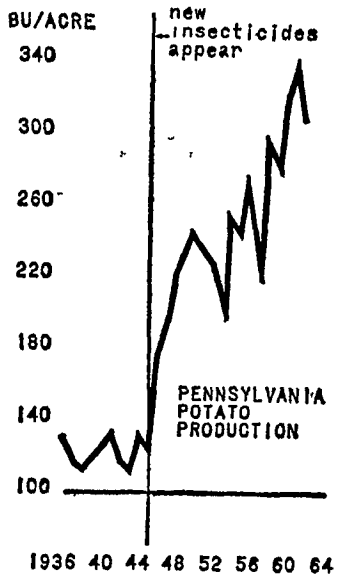


Chart above shows how modern insecticides, arriving on the farm scene about 1945, permitted potato plants to reach full foliage and grow healthy using plant food more completely.

Guernsey Ass'n Hires Countian

PETERBOROUGH, N. H. — Roger L. Strack, Quarryville, has just accepted a position as fieldman for the American Guernsey Cattlt Club, according to R. D. Stewart, AGCC, Secretary. His territory is the states of Pennsylvania, Virginia, West Virginia, Delaware, New Jersey, Maryland and District of Columbia.

This post was held by Sam Minor, who recently accepted a position with New York Artificial Breeders Cooperative.

Strack was born in Missouri but moved to Illinois at an early age. He attended the University of Illinois, majoring in Dairy Production. While in school he was 6th high individual in the 1956 National Inter-Collegiate Dairy Judging Contest. During this time he was employed two years at Rolling Acres Guernsey Farm, Elgin, Illinois and at Lauxmont Guernsey Farm, Wrightsville, Pennsylvania, under the Guernsey Scholarship program.

After graduation he returned to Lauxmont as Assistant herdsman and finally herdsman.

More recently he was employed by the Eastern States Farmer's Exchange in Lancaster County, Pennsylvania.

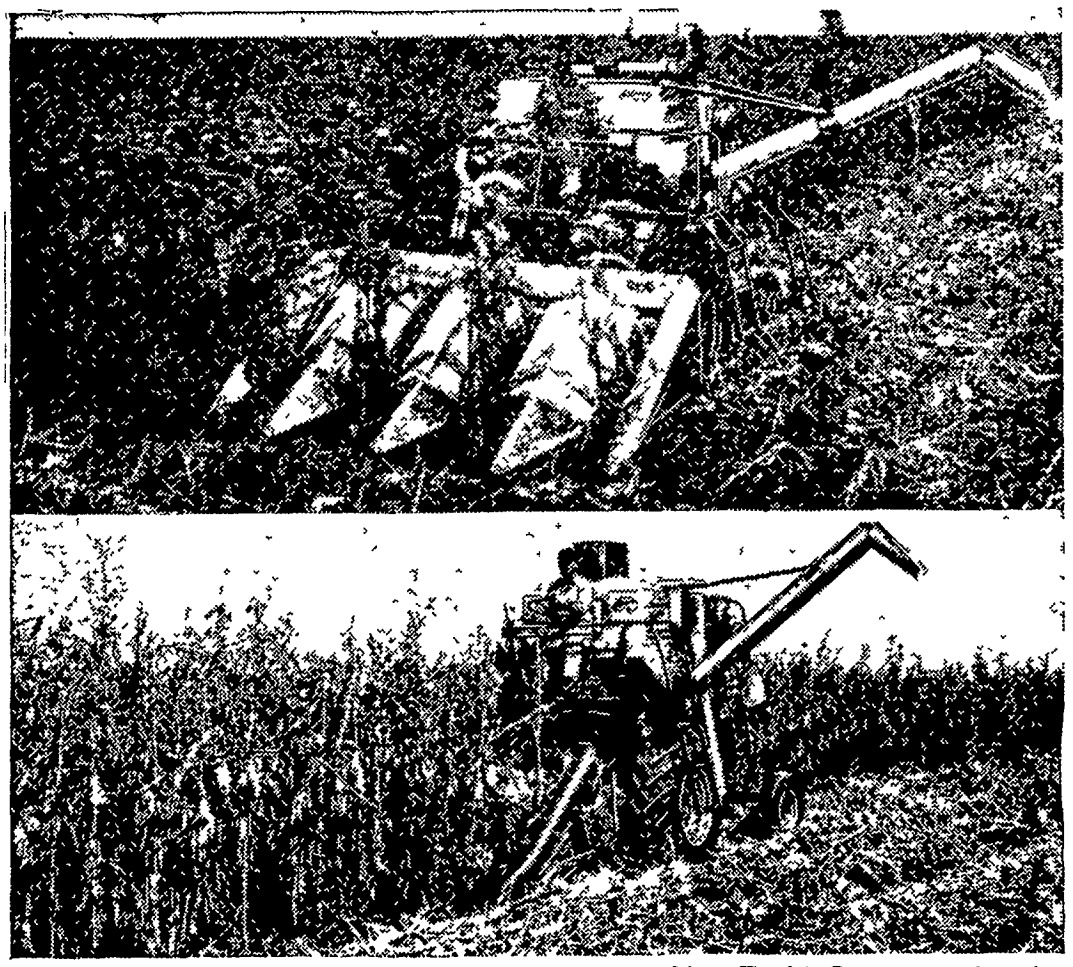
It is difficult to slice anything so thin that it has only one side.

Corn demands "beef" in a combine ...GLEANER combines have it!

GLEANER combines have the rugged construction, the heft, the capacity . . . the power and traction to wade through your heaviest corn . . . even in muddy or icy fields. If your crop can be combined . . . the GLEANER combine is the machine that can do it.

Take your choice of GLEANER combines — A, C, or E — everyone has an easily attached corn head. Because the cylinder is down at the ear level, feeding is direct to the cylinder. No extra elevating necessary. Fewer parts are required. You save money. Ask us about an eye-opener test on your own farm.

Big C with 4-row corn head.



New E with 2-row corn head.

GLEANER is an Allis Chalmers trademark.

Finance for profit. Ask us about Allis-Chalmers' time payment plans.

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CHECKERBOARD service bulletin

It pays to feed heifers, dry cows the Purina Way!

Grain feeding of heifers and dry cows is an accepted practice by leading dairymen here in the East. They do it to make more milk . . . and more money. Many report 1,000 pounds more milk during the next lactation when a dry cow is properly conditioned on Purina D & F Chow. You feed it according to body weight... a thousand-pound cow, for example, needs only 10 pounds a day. Purina D & F—full name, Dry and Freshening Chow—is specially designed to help build body condition, which later converts to low-cost milk. You'll find D & F in coarse or pellet form, whichever fits your feeding situation best.

Either way, it's one of the smartest feed buys on the market today. Ask for it by name—"Purina D & F"—at our Store with the Checkerboard Sign.

PURINA D & F COMES IN COARSE OR PELLET FORM

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John J. Hess
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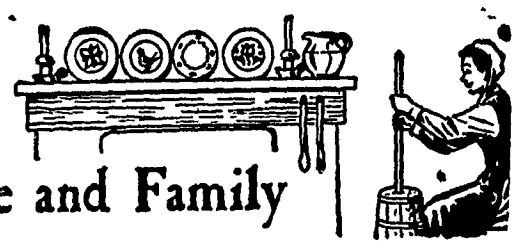

For the Farm Wife and Family

LAST-Of-SUMMER HINTS

By Mrs. Richard C. Spence

For the lunch-box set, sandwiches are standard fare from now through May. So this is a good time to talk about them.

For variety, use whatever breads or rolls you may have on hand. Sandwiches can be made of raisin bread, caraway rye, date-nut bread, pumpernickel, English muffins, hamburger buns, etc

You can let your imagination go reckless in the fillings. Combine liverwurst, mustard, lettuce and dill pickles. Try mashed sardines and hardcooked egg yolks. lemon juice and lettuce.

Put peanut butter, apricot marmalade, sliced banana and chopped lettuce between slices of raisin bread, cream cheese, chopped dates, mayonnaise and lettuce go well between halves of an English muffin.

Here is a spectacular that's a little bit too much for a packed lunch, but it's great for Saturdays — any time of the year To one slice of buttered rye bread, add Swiss cheese, lettuce leaf, fresh tomato slices, cooked chicken slices, thousand island dressing, hard-cooked egg slices, and bacon crumbles. Cut into halves, diagonally, and top with a second bread slice also cut into halves Garnish with pickle slices.

* * *

If you're still picking pickles in your garden and are at your wit's end to know what to do with them, here is a recipe for Fresh-Pack Dill Pickles to try This recipe makes 7 quarts of dill pickles (packed 7 to 10 to a jar).

FRESH-PACK DILL PICKLES

17 to 18 pounds cucumbers, 3 to 5 inches long
About 2 gallons 5-percent brine (¾ cup pure granulated salt per gallon of water)
6 cups vinegar
¾ cup salt, pure granulated
¼ cup sugar
9 cups water
2 tablespoons whole mixed pickling spice

Whole mustard seed, 2 teaspoons per quart jar OR garlic, if desired, 2 whole cloves per quart.

Dill plant (fresh or dried), 3 heads per quart jar OR dill seed, 1 tablespoon per quart jar.

Wash cucumbers thoroughly with vegetable brush. Drain. Cover with the 5-percent brine (¾ cup salt per gallon of water). Let set overnight. Drain.

Combine vinegar, salt, sugar, water, and mixed pickling spices tied in a clean, thin, white cloth; heat to boiling. Pack cucumbers into clean, hot, quart jars Add mustard seed, dill heads or seed, and garlic to each jar; cover with boiling brine to within ½ inch of top of jar. Adjust jar lids.

Process in boiling water for 20 minutes. Count processing time as soon as hot jars are placed into the actively boiling water.

Remove jars and complete seals if necessary. Set jras upright, several inches apart, on a wire rack to cool.

* * *

PROPER COOKING METHODS FOR VEGETABLES

Vegetables once were thought of as sulfur and molasses — good for you but not good. But vegetables are glamour foods when you use good cooking methods. There is no one best cooking method for all vegetables. But all methods should be followed carefully. Cook vegetables just to the tender-done stage. Then take from the heat promptly. Vegetables continue to cook a few minutes after they're removed from heat. And overcooking ruins more vegetables than any other practice.

Let color be your guide to correct vegetable cookery. Pretty white turnips or cauliflower can be cooked in water to which a small amount of acid has been added. If they are cooked in hard water add a tablespoon of vinegar or lemon juice to the cooking water. Don't overcook any white vegetable. Overcooking, for example, gives sulfur compounds naturally present in cauliflower, a chance to develop a strong flavor.

Orange is the most durable of all vegetable colors. It doesn't change with heat, acid or base. Orange stays bright even when vegetables are wilted, Orange or red vegetables are good to use if serving time is doubtful. They keep color better than white or green ones.

Usually red vegetables are more appetizing if their color is a clear red. But if you like red cabbage with a slightly blue cast, cook it in milk. An acid Harvard sauce will keep beets a clear, bright red. To keep color in beets while cooking, leave at least one inch stem on them and remove their skins after cooking.

Green vegetables have a tempermental color. Cook green vegetables for the first three minutes uncovered. This gives some of the acids which turn green vegetables to bronze a chance to go off into the air. Then cover green vegetables and cook to tender-crisp stage. While you're adding sauces or flavoring to them, they'll finish cooking. General methods of cooking vegetables are broiling, broiling, baking, pan or stir-frying; steaming or pressure cooking.

Place quick cooking vegetables or precooked vegetables under the broiler and baste with fat, flavored sauce or sugar glaze. Heat until lightly browned. Bake whole vegetables, such as potatoes or onions, in a heated oven and let them cook in dry heat. Or grate or cut them in small pieces and bake covered.

Use a small amount of fat when you pan fry or stir-fry. Add thinly shredded vegetables and stir as they cook. Or add a small amount of liquid and steam the vegetables.

Brown vegetables in fat. Certain vegetables, such as eggplants or onions, are excellent when fried in deep fat with a batter covering. For flavor treats, try vegetable fritters.

Pressure cooking shortens cooking time. But follow directions carefully to avoid overcooking. Check your instruction book for the best time and pressure to use for the vegetables being cooked.

(Continued on Page 15)

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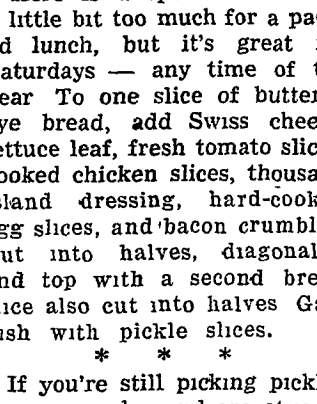

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(Continued from Page 14)

CHOCOLATE THAT'S TURNED WHITE

Don't throw out chocolate just because it's turned white. This is simply a sign that some of the cocoa butter has separated out. This happens at temperatures of about 85 degrees F. The cocoa butter in the chocolate melts and comes to the surface. When the cocoa butter hardens again, the chocolate turns white. Only the appearance of the chocolate is affected by this separation. Usually, there is no loss of flavor. If the chocolate is melted for cooking purposes, it will turn brown again.

To prevent chocolate from turning white, store it in a reasonably cool place (under 75 degrees).

* * *

Here is a new recipe for a Rolled Oats Mix, enough to make about 2½ quarts of mix.

ROLLED OATS MIX

4 cups sifted flour
1½ cups nonfat dry milk
¼ cup baking powder
1 tablespoon salt
1½ cups shortening (lard)
4 cups rolled oats, quick cooking

Sift all ingredients together, except the rolled oats, in a large bowl. Cut in the shortening until well blended. Add the rolled oats and mix well. Place in a glass jar or tin can. Keep tightly closed in a cool place. Use the mix within a month.

* * *

Here are quick bread recipes which use this mix.

BANANA OAT BREAD

3 cups rolled oat mix
⅔ cup sugar
1 cup mashed bananas
1 egg; beaten

Put the mix, sugar and mashed bananas in a bowl and stir in the egg until the mixture is well moistened. Pour mixture into a greased 5 x 9-inch loaf pan. Bake in a moderate oven (350 degrees) 50 to 60 minutes. Makes one loaf.

QUICK OATMEAL BISCUITS

2 cups rolled oat mix
½ cup water, about

Add enough water to the dry mix to make a soft dough. Turn out on a lightly floured board and knead a few times. Pat or roll out to ½ inch thickness. Cut into round or square biscuits with cutter dusted with flour. Place in greased pan or baking sheet. Bake in a hot oven (425 degrees) 12 minutes. Makes about 12 medium-sized biscuits.

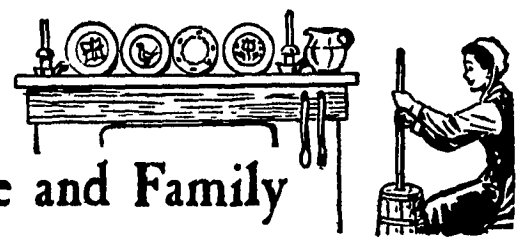
OATMEAL MUFFINS

2¼ cups rolled oats mix
¼ cup raisins, if desired
1 egg, beaten
⅔ cup water

Place mix and raisins in a bowl, add egg and water, stir just enough to moisten. Fill greased muffin tins two-thirds full. Bake in hot oven (425 degrees) about 20 minutes.

(Continued on Page 16)

For the Farm Wife and Family



Ladies, Have You Heard? . . .

By: Jane Thurston, Extension Home Economist

Young Women Should Prepare For Two Jobs

THURSTON

Today's young women need to prepare for both homemaking and a career, since the chance they will combine the two is great.

More homemakers than even before are working outside the home. It's predicted the number of women entering the labor force will rise more sharply than the number of men entering the work force.

Many homemakers consider employment outside the home for different reasons. Many women wish to supplement their husband's income or provide funds for special goals, such as educating the children.

Almost all employed homemakers continue their home responsibilities. It's essential that all family members agree with the homemaker's decision to work away from home. Their cooperation and sharing of responsibility is needed to help maintain a satisfying family life.

A homemaker's organizational ability can help her gain satisfaction from her dual rule. She needs to decide what household tasks must be done and how to do them most effectively. She may eliminate or reduce some household jobs and delegate others to family members. In addition, part of her income may be used to buy services she would provide if she weren't employed, such as laundry or meal preparation. Each family must determine what services it will buy and what services it will do at home.

Fresh Peaches Rich In Vitamins A And C

Fresh peaches can play a major role in the diet. They are excellent sources of vitamins A and C, two nutrients often lacking in the American diet.

Two fresh peaches, 2 inches in diameter, will supply about half the daily amount of vitamin A recommended for adults and teenagers. Younger children need less vitamin A, the vitamin that helps keep hair shiny, eyes and skin

(Continued on Page 16)

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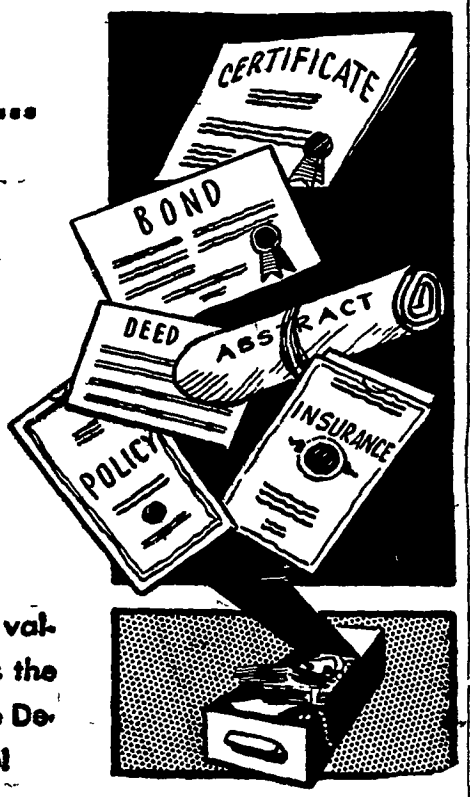

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● Have You Heard?

(Continued from Page 15)

healthy, and aids the body in warding off infection. Deep yellow peaches contain more vitamin A than light-colored or white peaches.

In addition to vitamin A, the two fresh peaches will provide about one-fifth the amount of vitamin C adults need daily. Teenagers need more vitamin C than adults, children need less. Vitamin C helps to keep the blood vessels strong, heal wounded or burned tissues, and helps the body build resistance to infection. The body can't store vitamin C, so it's essential for everyone to eat one serving of a food rich in vitamin C, each day.

Although rich in vitamins A and C, fresh peaches are low in calories. One peach, 2 inches in diameter, has 35 calories.

School Lunches Call For Good Nutrition

Since children are back in school, you have one less meal to serve them. However, it is important for you to see that they get nutritious lunches.

More and more school age children do not come home for lunch. If the school has a lunch program, encourage your children to eat the lunch provided. It is planned to include nutrients growing young people need.

When children complain about the lunches served at school, find out if their complaints are real ones. Some children eat only a limited numebr of foods and may not be getting enough lunch. Encourage them to eat all their lunch and to include a variety of foods.

School lunches should be prepared and served attractively. If your children claim they are not, talk with other mothers to see how such a situation could be improved. This might be a project for the Parent-Teacher Association or a mother's group.

If your children carry their lunches to school, you are responsible for what they eat. Include a protein food, such as meat, poultry, fish, eggs, cheese, or peanut butter. Crisp raw vegetables add texture and valuable nutrients to the lunch. Fruit is a good dessert. When fresh fruits are not available, choose canned or dried fruits. And be sure children get milk for lunch. If they can't buy it at school, have them carry milk. A vacuum bottle will keep it cold.

Good To Know Anytime

Sliced peaches and orange juice pair well for breakfast or as a simple fruit dessert. The orange juice reduces browning of the peaches and adds flavor and vitamin C to the meal.

An insulated ice chest or zippered plastic tote bag will help to keep meats, dairy foods, and frozen foods cold during the trip home from the store. You may want to keep the chest or bag in the car trunk where it's handy when you shop.

Parsley will keep fresh and crisp for a week or more if you wash it, then pat almost dry with a towel. A few drops of water clinging to the leaves keep parsley moist. Bundle parsley into a plastic bag or jar with tight-fitting lid, then store in refrigerator.

Light Biscuits

A light texture in biscuits depends upon the proportion of liquid to flour, points out Louise Hamilton, Penn State extension nutrition specialist. Add the flour slowly to find the amount needed for the type of flour you're using. The correct proportion of liquid to flour gives a soft, easy to handle dough.

● For The Farm Wife

(continued from page 15)

Makes 12 muffins.

* *

With sweet corn and green peppers so plentiful right now, why not combine the flavors of these two vegetables into a luscious Corn Bread. Corn Bread is a natural with barbecued chicken or beef. If you're planning a late summer picnic or patio meal plan to stir up a batch of this Mexican Corn Bread.

MEXICAN CORN BREAD

- ¼ cup (½ stick) butter
- 2 eggs
- ¼ cup sugar
- 2 cups cream-style corn
- ½ cup chopped Italian peppers (or any type peppers you prefer)
- 2 cups shredded Cheddar cheese
- 1 ¼ cups sifted flour
- 4 teaspoons baking powder
- ¼ teaspoon salt
- 1 cup corn meal

Cream together butter and sugar. Add eggs one at a time, beating well after each addition. Mix in corn, peppers and Cheddar cheese. Sift together flour, baking powder and salt; mix with corn meal. Add dry ingredients to cheese mixture, mixing just enough to blend well. Turn into buttered 9 x 14-inch pan and bake about 40 minutes in a 325 degree oven. Cut corn bread 3 x 4 or 4 x 4 to give 12-16 servings.

Roses Can Stage Fall Show

About half a cup of a 5-10-10 in a complete circle around each plant, scratched into the soil and soaked in to a depth of about six inches and you can have beautiful roses this fall. Don't wait too late to do this says, Lynn Smith, Penn State extension floriculturist. Waiting allows active growth when cold weather comes and plants may be severely winter-injured.

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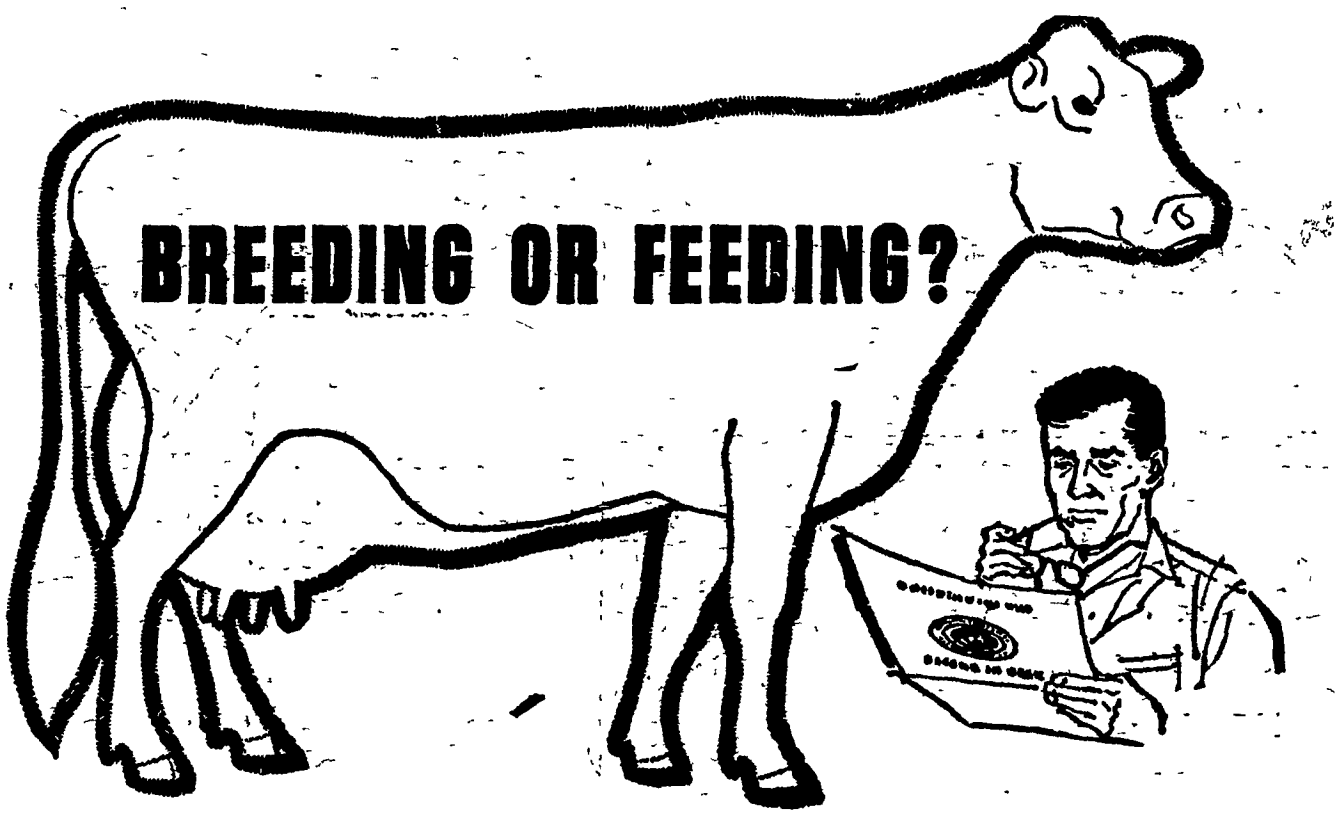

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BEST FOOD BUYS

Chucks, Roasts Are Bargains

Beef chuck, pork roasts and lamb will help ease the strain of last week's holiday food spending, says Harold E. Neigh, Consumer Economics specialist at Penn State University.

Medium eggs continue as the better buy. Variety melons, peaches, and fall apples are in heavier supply at lower prices. And September's late show of summer vegetables will offer Pennsylvania-grown goodness until frost catches them.

Heading the list of fresh-from-the-garden vegetables are corn and tomatoes. Quality of both items has been very good this year and appetities appear to be holding up almost as well as the supplies. A constant flow of other vegetables now selling at the lowest prices of the year are cabbage, eggplant, peppers, cucumbers and snap beans.

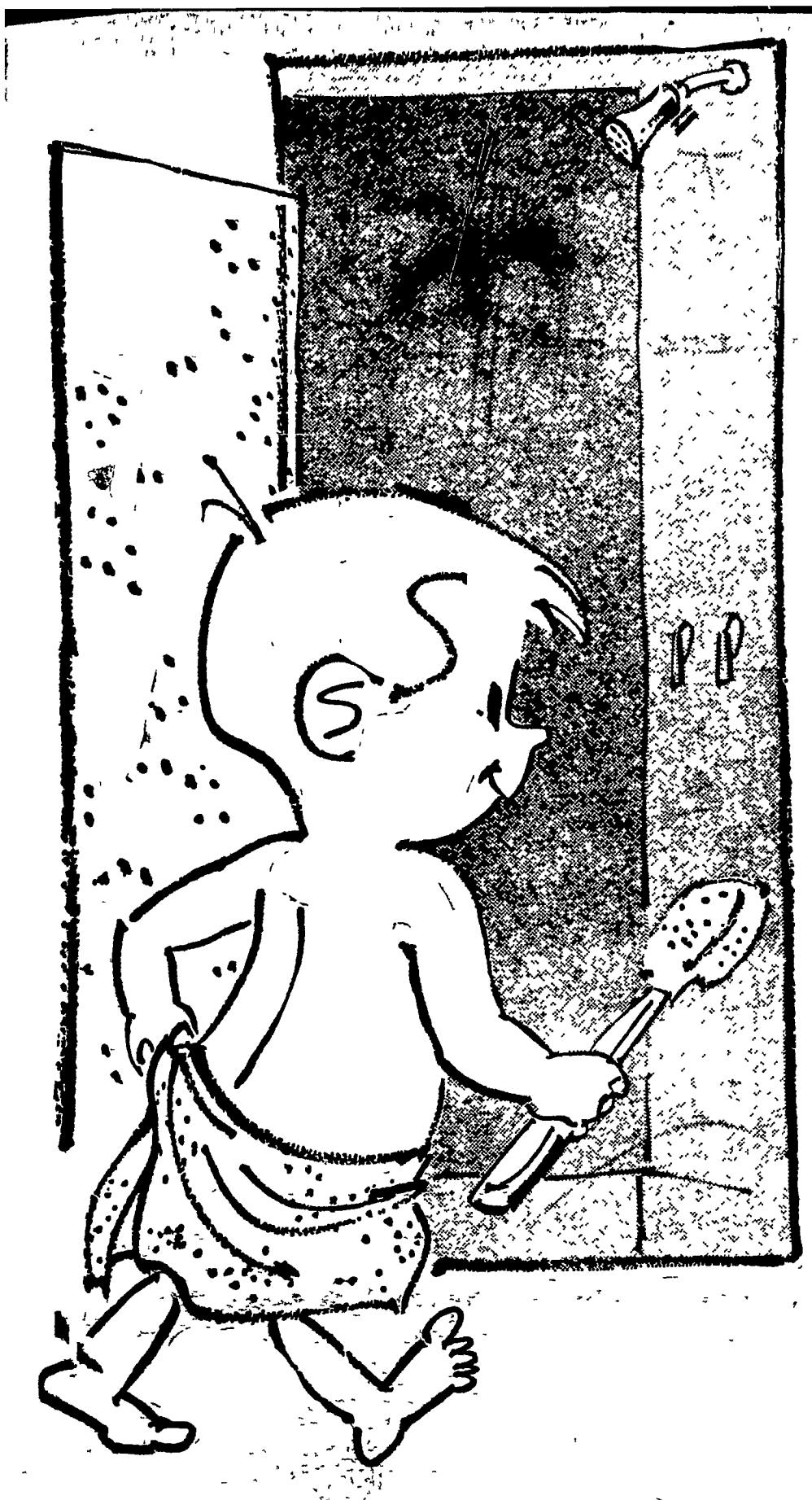
Now's the time to enjoy various kinds of melons not on the market at other times of the year. Most popular are the Honeydew, Persian and Crenshaw. Prices have dropped in the past two weeks because of heavier supplies. These melons each have their own distinctive taste. For best quality and flavor each melon should be fully ripe and be a little on the soft side.

Retailers turn to beef and pork roasts this week for value offerings and also to help you fill up those returning school youngsters. Blade, arm and square cut chuck roasts will be the main feature at many area stores while other stores will offer pork loin roasts and fresh picnic shoulders.

You'll notice egg prices are up again this week. But if you look a little closer you'll also notice the smaller sizes didn't advance as much as the larger ones. The price difference now ranges from 12 to 16 cents a dozen between Grade A large and Grade A mediums. They are generally a comparable buy when the price difference is only 8 cents.

Nitrogen Dioxide Gas

So called silo gas can be extremely harmful or deadly to humans and animals, warns Penn State extension dairy specialist, Richard Adams. It can sometimes be detected as a yellowish cloud of irritating gas with an odor similar to laundry bleach. Being heavier than air, it tends to come down silo chutes to the silo room.



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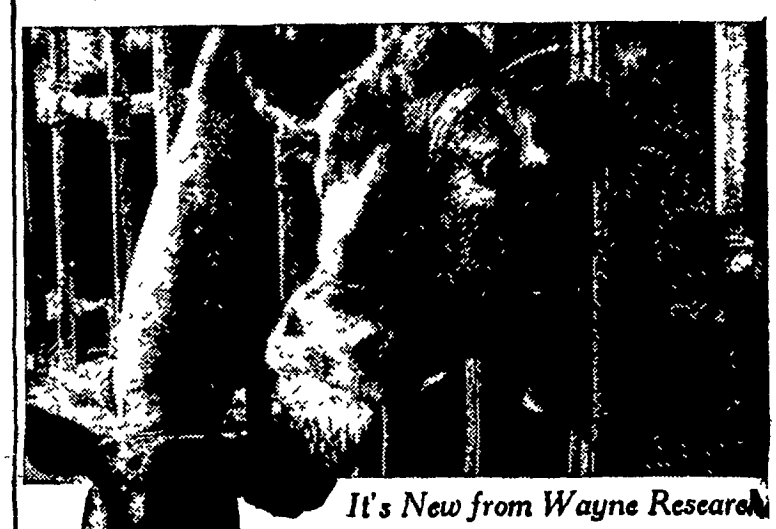

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Improvements thereon a

2½ Story
FRAME DWELLING

9 rooms and bath, electricity, Well of water.

FRAME BANK BARN

WITH CORN BARN ATTACHED

Stable room for 22 cows, 10x45 CONCRETE STAVE SILO,

ILK HOUSE, TWO THREE-STORY CHICKEN HOUSES, 24'x40' and 42'x80' GARAGE AND SHOP

28 Head Holstein Dairy Cows & Heifers

egistered and Grades. T.B. Tested, Certified to the blood, everal cows fresh by day of sale. 10 Cows will freshen from day of sale to November.

Records of a number of cows:
16,627 Milk — 707 Fat In 332 Days
06 M — 612 Fat In 273 da. 13,951 M — 604 Fat In 249 da.
67 M — 601 Fat In 318 da. 13,649 M — 518 Fat In 270 da.
4 Heifers to freshen this fall, 4 yearling heifers.

Two-Unit DeLaval Milker, used 10 months; One 8-Can Cool- One 6-Can Cooler with side entrance; One Extra Milker ; Stainless Steel Strainer; 30 Gal. Water Heater; Double s; 20 Milk Cans.

Dairy Sale at 1:00 p.m. D.S.T. Real Estate at 2:30 p.m., .T., on Thursday, September 12, 1963, when terms will be de known by

SIMEON S. KAUFFMAN

ROY ZOOK, Auctioneer

Inspection for farm any day prior to day of sale, except Saturday, September 7 and Sundays

Sale Register

Thursday, September 12 Public Sale of Valuable 126 Acre Farm on the premises along Route 322 about midway between Blue Ball and Honey Brook near Bridgeville Church in East Earl Township, Lancaster County, Pa. at 2:00 P.M. by Roy C. Boley and Margaret M. Boley.

Thursday, September 12, Public Sale of 161 acre dairy and Steer Farm, 1½ miles Southeast of Quarryville just off Rt. 372, Eden twp. along macadam Twp. road at 2:00 P.M. by Mrs. Clair K. Shimp, R.#1, Strasburg, Pa.

Thursday, September 12 Public Sale of Valuable Real Estate, Holstein Dairy Cows, Heifers and Milking Equipment one-half mile South of Intercourse at 1:00 p.m. DST by Simeon S. Kauffman.

Saturday, September 14 Public Sale of a Real Dairy Farm, Real Estate and Building Lots by George A. Rutt on the premises along the road leading from Reamstown to Denver, just off Route 222.

Saturday, September 21, Public Sale of Outstanding Poultry Farm, 70 Acres on the premises located between Clay and Brunnerville (near Hammer Creek Mennonite Church), Elizabeth Township, Lancaster County, Pa. at 2 P.M. by Alvin W. and Clara E. Adams.

Saturday, August 31, Clean Sweep Public Sale of Livestock, Farm Machinery, cars and trucks, hay, straw, corn, Barley and household goods at 12 Noon D S.T. on the premises located 1½ miles Southwest of Elizabethtown on the former Ray Spitler Farm. Terms by Melvin Sager.

Special Feeder Steer Sales
Friday, Sept, 13
Monday, Oct, 7

All steers will be graded and sold according to weight and quality. Steers will range from 600 lbs. to 1050 lbs. Approximately 1500 steers at each sale.

CALF SALE ROUNDUP — FRIDAY, OCT. 18

All breeds of cattle calves in this sale. All calves will be graded and sold according to grade and weight.

Cattle for all sales will be weight in day of sale and sales will start at 7:00 P.M.

JOHNSON CITY LIVESTOCK MARKET

Johnson City, Tennessee
Phone 926-3933

Mountain Breeders Sale of Hereford Calves will be held at Johnson City Livestock Market Monday, September 30.

PUBLIC SALE
— OF A —
REAL DAIRY FARM, REAL ESTATE & BUILDING LOTS!
SATURDAY, SEPTEMBER 14, 1963

The undersigned will offer at Public Sale on the premises, along the road leading from Reamstown to Denver, just off Route 222, the following, to wit:

Tract #1
ALL THAT CERTAIN TRACT OF LAND

containing 83 acres, more or less, of which 70 acres is under cultivation; the balance is in pasture with stream. Erected thereon is a

2½-STORY BRICK DWELLING

with 6 rooms and bath, hot water oil heat! 2-room Summer House attached; some storm windows and doors; well.

LARGE DAIRY BARN

with 64 stalls and stanchions; 6 freshening pens; Jamesway barn cleaner; pipe-line for milker; Milk House; 3 Silos, 16' x 55' - 12' x 50' - 10' x 50'; large feed trough. Combination Tobacco Shed and Heifer Barn; large Chicken House and Heifer Shed with oil heat; Hay Drying Shed; Turkey Shelter with oil heat. Place to hang 8 acres of tobacco; Corn Barn.

Extra heavy electric wiring and switch boxes for generator. This farm is in a high state of cultivation with a real alfalfa ground. The buildings are all in good condition.

Best Milk Market (Sylvan Seal from Philadelphia) will be sold with the farm. Farm will be offered without pipe-line milker and compressor, 500-gal. bulk tank and hay drier or as a complete unit.

If you are looking for a real dairy farm, do not let this one pass by. Farm will be offered at 1:30 P.M.

Also at the same time and place:—

Tract #2
A LOT OF GROUND

212' x 228' x 164', on which the improvements are a

STONE RANCHER

with modern kitchen, bar divider for dining area, and laundry room; large living room with fireplace, 3 large bedrooms with wall-to-wall carpet, 1½ tile baths; recreation room in the basement with fireplace with ceramic tile; oil hot water heat (summer and winter hook-up); 2-car Garage; patio with fireplace; large lawn. This home was built nine years ago.

This home will be offered at 3:00 P.M.

Also at the same time and place:—

Tract #3

7 CHOICE BUILDING LOTS

on Oak Lane (in the new development). Some have curb and water. The size of these Lots is 85' and 90' frontage with a depth of 155'. These Lots will be sold as one unit.

Lots will be offered at 3:30 P.M.

Terms by

GEORGE A. RUTT

Frank and Paul Snyder, Aucts.
C. Zinn, Clerk

This Sale is being held due to failing health.

Property can be inspected any time after August 25, 1963. Arrangements for financing can be made before day of Sale.

Lincoln 4-H Hear Reports From Guests

Members of the Lincoln Community 4-H club heard project reports from their guests, the New Holland Baby Beef club, at a recent meeting in the Mount Airy fire hall. The meeting, scheduled for outdoors, was held inside because of rain.

Janice Inhoff was elected temporary treasurer to fill the unexpired term of Robert Hoover who resigned.

Games and refreshments followed adjournment of the meeting.

PUBLIC SALE
— Of —
161 ACRE DAIRY and STEER FARM
Thurs., Sept. 12, 1963

1½ miles Southeast of Quarryville just off Rt. 372 (because of detour use Rt. 472, turn east 1 mile south of Quarryville.) Eden Twp. along macadam Twp. road.

120 Acres tillable, 30 meadow, about 10 of woodland.

Large Barn which contains 32 stanchions plenty of room for steers or heifers.

Concrete Stave 14' x 45' Silo, Milk House, Corn barn, tobacco shed, room to hang 8 acres of tobacco (including barn space).

2 HOUSES

9 room brick house, slate roof, bath, old shade trees.

6 room frame house, slate roof, good well of water.

(Farm house can be shown on Wednesday afternoons or Friday evenings).

This farm situated in Amish Section and a desirable com- munity.

Sale 2:00 P.M.
by

MRS. CLAIR K. SHIMP

R#1, Strasburg, Pa.
Samuel S. Wenger, Atty.
Carl Diller
I. Everett Kreider, Aucts.

Eight Years Of Tests Prove Redcoat Wheat Yields Highest

Redcoat emerged from 8 years of field testing as the most desirable new wheat variety of approximately 80 tested. It outperforms other wheat on Pennsylvania soils, according to Elmer C. Pifer, associate professor of agronomy, Cooperative Extension Service of The Pennsylvania State University.

With the same sowing rate and fertilization, Redcoat yields 4 to 5 more bushels per acre than other varieties. This can mean as much as $10 added cash income per acre for farmers. What's more, by adding 50 pounds of nitrogen per acre, in many soils, yields of more than 60 bushels per acre are possible. Other varieties are not capable of this performance because they have weaker straw than Redcoat.

Professor Pifer checks Redcoat stand. Rows, as in background, are easy to distinguish with this variety no matter how closely sown, admitting sunlight to legumes and grasses planted with it.

This variety has many characteristics that contribute to its superior performance It has a short, stiff straw with narrow leaves which reduces lodging and lets more light reach legumes (clover and alfalfa) planted with it. Redcoat is resistant to many diseases It is very resistant to mildew which reduces yields of other varieties It is also resistant to leaf and stem rust.

Redcoat is resistant to Hessian fly to which it seems to be toxic For this reason, this new variety can be seeded in early September for grazing during October and November. Farmers who have grazed their dairy herds on Redcoat in these months reported increases of 5 pounds of milk per cow per day.

Redcoat is an early maturing variety and threshes easily. Combining should begin 5 to 7 days earlier than for other varieties. Redcoat's milling and baking characteristics are satisfactory and ranks among other high quality soft red winter varieties.

The Pennsylvania Agricultural Experiment Station evaluated many wheat strains before selecting Redcoat. Early observation of this new variety excited seedmen and researchers who first saw it. It was easy to see its superior performance in tests with other recommended varieties.

Dr. Robert P. Pfiefer, and Dr. Clarence S. Bryner, associate professors of agronomy at the Pennsylvania Agricultural Experiment Station, were responsible for Redcoat's five years of scientific research testing before its release.

As soon as the variety appeared promising in the research plots, it was tried in drill width demonstrations on 45 Pennsylvania farms. The superior performance of Redcoat in these county demonstrations agreed with the research findings. For this reason, an early release of the variety was possible.

County Man Finishes Course

Paul H Herr of Holtwood, Pa, R1 recently completed an intensive six day refresher training course in artificial insemination of cattle.

The course, conducted by American Breeders Service, Inc of Chicago was given at Belvidere, Illinois and included instruction in animal physiology, farm sanitation, genetics, techniques of artificial breeding plus a visit and in-depth-study of the Stud and processing facilities at Madison, Wisconsin.

Sweet corn is first in acreage among all vegetable crops produced in Pennsylvania. About 27,000 acres of sweet corn are harvested annually with 15,000 to 18,000 acres grown for fresh use and the remainder for processing. Important sweet corn producing counties are York, Bucks, Lancaster, Adams, and Luzerne.

Stockyard Act Is Amended

The U. S. Department of Agriculture today announced amendment of Packers and Stockyards Act regulations to require mechanical weight - recording equipment on all scales owned by stockyard owners, livestock dealers, market agencies, and meat packers subject to the Act.

The amendment — which becomes effective Sept. 30 — was proposed in June by the Packers and Stockyards Division of USDA's Agricultural Marketing Service. It requires that all livestock scales owned by P & S Act registrants, stockyard owners and packers be equipped by Jan. 1, 1965, with a type-registering weighbeam, a dial with mechanical ticket printer, or a similar device which mechanically prints and stamps the weight values on scale tickets.

Packers and Stockyards officials explained that such a device helps to eliminate errors in recording weights, and reduces the opportunity for altering weights on scale tickets. Equipping a scale with such a device does not require installation of new scales, USDA said.

Paper supplies, soaps and water softeners accessorize your bathroom. It's good decorating sense to match the color of bathing supplies, bathroom tissue and facial tissue to the color scheme of the room.

More Steer Feeders Are Using HORNCO Concentrates Then Ever Before!!

Because

1. Hornco is a balanced concentrate containing Stilbosol*, Phosphorous, Vitamin A and D and all the other ingredients necessary for fast, low cost gains and top herd health.

2. Hornco is manufactured locally (assures freshness) by the experienced beef feed company.

Check With Your Neighbor — He'll Tell You Why It Pays To Feed Hornco

"Service Makes The Difference"

We Will Be Booking Soon!

CONTACT

S. O. TRUPE — East Earl, Pa.
Phone - A. C. 215-445-6128

JOHN HERR JR. — Annville, Pa.
Phone - UN 7-2244

NED SITLER JR. — Wrightsville, Pa.
Phone - Wrightsville 255-3391

HORNCO FEEDS

D. E. HORN & CO., INC. YORK, PA. Ph. 2-7867

*STILBOSOL, A Trademark used by Elanco Products Co. to identify its Brand of Diethylstilbestrol Pre-mix.